

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



62.09

LIBRARY
RECEIVED
★ SEP 27 1951 ★
U. S. Department of Agriculture

J. N. GIRIDLIAN'S

Oakhurst

GARDENS

Cypripedium callosum

1952 CATALOG OF

OUT - OF - THE - ORDINARY
BULBS - ORCHIDS

345 W. COLORADO ST., ARCADIA, CALIF., U.S.A.

TERMS OF SALE

PLEASE READ BEFORE ORDERING

PRICES. This catalog cancels all previous quotations written or oral. Prices quoted are for single divisions and flowering size bulbs and not for clumps or extra large bulbs unless so stated. Please do not ask us to send you extra large bulbs. We treat all of our customers alike. If, for any reason, you really want larger bulbs than we supply add 50% to the price of the bulb as quoted in this catalog and we will go out of our way to oblige you.

TERMS. Cash with order by check, draft, money order, currency or stamp. Residents of California please include 3% sales tax.

SHIPMENTS. For the last several years we have been making every effort to keep our prices to a minimum consistent with quality and still absorb the constantly rising cost of every item of expense we are subjected to. It has not been easy but we did manage to survive. However, we find there is a limit to what we can absorb. With the new parcel post rate increase of 25% we find ourselves reluctantly forced to send all orders via express collect or parcel post charges C.O.D. whichever is more convenient for you. It will be a nuisance for us to have to make out a money order for such small amounts but we see no alternative. Therefore all prices quoted in this catalog are F.O.B. Arcadia. Of course there is a brighter side to this picture; since you are paying the postage we can send you larger bulbs or include extras.

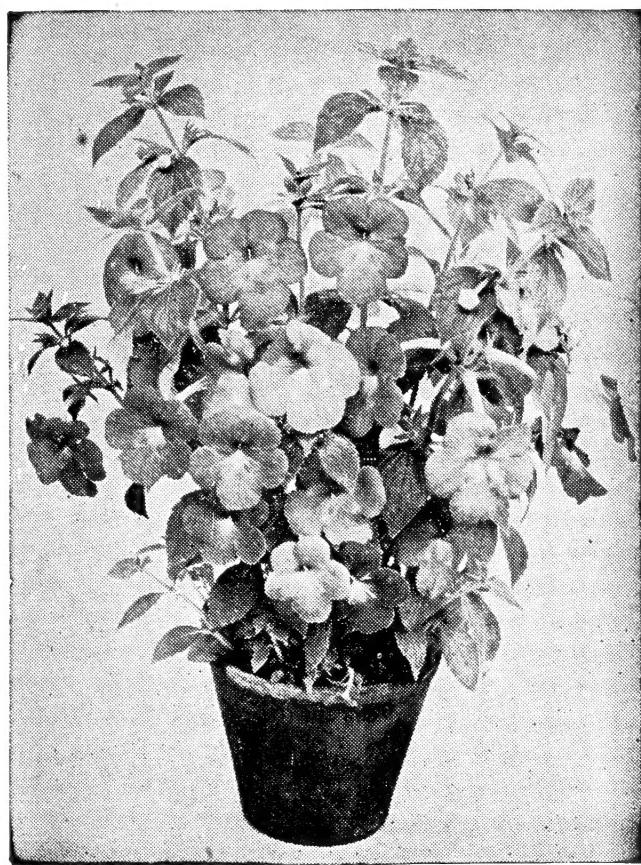
SUBSTITUTIONS. As a general rule we do not substitute unless authorized to do so. However we suggest that you indicate a second choice when ordering or authorize us to use our judgment on substitutions of other varieties in case of shortage by checking the space provided at the bottom of the order sheet.

CULTURE. Because of the great diversity of the materials we offer and the growing conditions of the purchasers we find it impossible to send out detailed growing instructions. We have noted in the body of this catalog the broad basic cultural requirements and you have to take up from there on and use your own judgment. One pointer: please don't be too anxious and too much in a hurry to grow the bulbs. We find that more persons fail from this cause than from any other. They over water, over fertilize, dig around the bulbs to see if the roots are starting to grow, and the funny part of it is that when the bulb can't take it and finally up and dies it is usually the fault of the bulb or the nurseryman because, as she says "I did everything and it died." Well lady you did too much!

ORDER EARLY and avoid disappointments. Place your order for the whole year right now and we will mail the bulbs periodically at the planting time or when they are available. That way you will be more certain of receiving what you order and we will have an idea of the number of bulbs we will need for the season.

KEEP THIS CATALOG FOR REFERENCE

Oakhurst's Rare and Unusual Bulbs



ACHIMENES

Achimenes

This year we are offering a really fine collection of these charming plants. Some of them are new to us, and all are very beautiful and worth while. Achimenes is related to the African Violets and if you can grow one you can grow the other, except that Achimenes can be grown to perfection out of doors whereas African Violets are strictly house plants. Plant the small rhizomes one inch deep in a porous soil such as you would use for Gloxinia or Begonia. A soil rich in leaf-mould, peat and chopped sphagnum moss with no manure added is suitable. Place in a shaded location. Water sparingly until active growth starts. Then give more water and light and start to fertilize with liquid manure when the plants are about two inches high. Never allow them to become dry. They will start to bloom in late summer. The rhizomes are very small and look like some kind of seeds, but that has nothing to do with the quality of the plants. Some plants just naturally make large bulbs while others just as naturally make small ones. Delivery November to April. \$2.00 dozen. Please note that if you order less than six of any variety the price is 20c each.

ADELE DE LA HAUTE. The 2½ inch flowers are shell pink shading to carmine at the center. Pinkish foliage.

AMBROISE VERSCHAFFELT. One of the most prolific bloomers with 2-inch flowers veined and striped vivid purple on light ground and edged lilac. Yellow Center.

DENTONIA. Large flowers of sky-blue color; center white tinted crimson at the base.

DIADEM. Rich carmine red; center dark yellow spotted red. Very distinct.

GIANT PANSY. 2½-inch flowers of sky blue background. Purple and yellow blotches on petals. Very dark foliage.

LITTLE BEAUTY. Of dwarf habit with dark foliage. 1½-inch Salmon-cerese flowers.

LONGIFLORA MAJOR. This is the largest blooming variety with 3½-inch flowers that open out flat. The color is vivid bright blue. Tall grower.

MARGARET. The purest white flowers are 2½ inches across. The foliage is bright, velvety green.

MAUVE QUEEN. Large flowers of rosy mauve with finely red spotted yellow center.

MAXIMA. The flowers are three inches across, white with red veinings. Purple eye.

MEXICANA. Large, deep blue flowers shaded white at the center and yellow at the base.

PULCHERRIMA. An easy to grow plant with large, bronze-purple foliage and 2½-inch flowers of rich purple with peacock edges.

In addition to the above, we can supply the following:

GRAND MIXTURE. All colors and types mixed, \$2.00 doz.

COLLECTION-A. Collection of one each of 20 varieties separately labelled, \$5.00.

COLLECTION-B. Collection of one each of 12 varieties not listed above and separately labelled, \$3.00.



Acidanthera maurielae

Acidanthera

MAURIELAE, now sometimes advertised as Hollandia, is similar to and requires the same culture as for gladiolus. Large, tubular flowers of purest white with crimson-maroon blotches in the center. Summer blooming. 3 ft. tall. Excellent for cutting. Delivery January to June. \$1.50 doz.

Aechmea

A group of bromeliads allied to Billbergia. They require the same cultural conditions as the billbergia, and are excellent subjects for the conservatory, or for outdoor culture in the South. They will withstand temperatures down to 20 degrees above zero. Delivery thruout the year.

CALYCULATA. Tubular rosettes of bright green foliage about 15" high. The cones of bright yellow flowers are carried on a thin, stiff stem 18" high. A compact grower. \$1.50 ea.

CAUDATA. A very strong growing plant with strikingly beautiful three-foot leaves informally variegated with cream stripes. The flowers are carried on stiff stems and form a large head of orange and yellow of long lasting quality. \$3.00 ea.

DISTACANTHA. A robust species with large rosettes of stiff glaucus green foliage growing to a height of three feet and resembling a small Century Plant. The leaves are saw-toothed and terminate in a sharp spine at the tip. The flower stem is just a little taller than the leaves terminating in a 6" head of purple flowers emanating from reddish bracts. The color remains for a long time. \$3.00 ea.

ORTGIESI. A very unusual dwarf plant with rosettes of recurved serrated leaves. The flowers are a deep lavender and are produced from a reddish cone in the center of the leaves which occasionally also assumes a red color. \$4.00 ea.

Albuca

A genus of bulbous plants from Africa allied to the Ornithogalum and treated the same way. They bloom in late spring and early summer and may be lifted during the cold weather.

CRINIFOLIA. The two-inch florets are produced on the upper half of a three-foot spike. The three petals always stay closed in the center of the flower and the three sepals open wide. The flowers are waxy pure white with a greenish midrib on the lower side of each segment. Plant in a sandy location in open sun. \$1.00 ea.

NELSONI. Similar to the above and blooming at the same time but much larger and taller, up to six feet high. Resembles a yucca in bloom. \$2.00 ea.

Alpinia

Orchid Ginger Lily

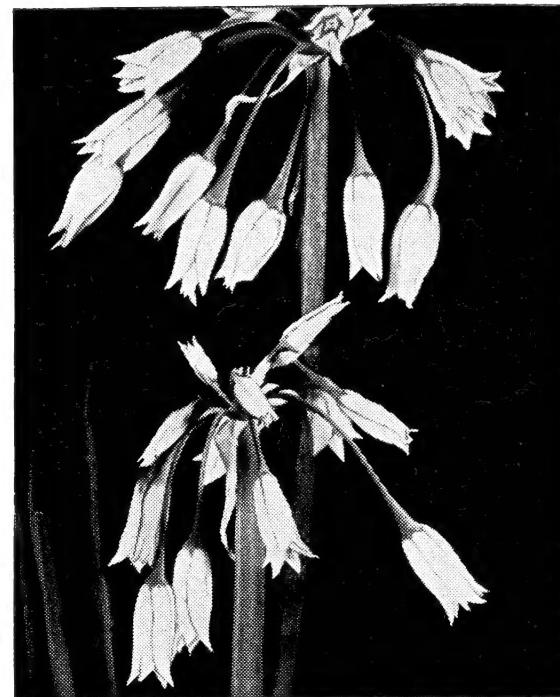
NUTANS. A beautiful tropical plant of the ginger family which under ideal conditions will attain a height of 12 feet or more. May be grown under glass in large pots or tubs, but does well outdoors in the South. Flowers are produced at the ends of the leafy stems and are very beautiful. The buds are suspended like a cluster of grapes and are pure glistening porcelain white with pink tips. The flowers are deep orange veined bright red and have gingery fragrance. The foliage is highly aromatic. Summer bloomer. Delivery anytime. \$1.50 ea.

CALCARATA. A graceful species 4 ft. high with long pointed aromatic foliage and erect flowers of whitish ground veined red and yellow. \$1.50 ea.

Allium

Flowering Onion

Attractive group of bulbous plants with umbels of flowers resembling our native brodiaeas. They are easily grown in a sunny spot in the garden in any kind of soil.



Allium triquetrum

NEOPOLITANUM. Large heads of pure white flowers on tall, flexuous stems. Spring blooming, and fine for cutting. Fall delivery. \$1.00 doz.

SCHOENOPRASUM. (Chives). The edible herb is much in demand for seasoning and flavoring. While it is popular for culinary purposes, its value as a garden ornament has been overlooked. With its dense foliage and round heads of lavender-pink flowers it makes an ideal plant for edging and rock garden work. 8 in. Delivery anytime. 50c per clump.

SPHAERICEPHALON. A native of the Netherlands. Closely packed balls of red-purple about two inches in diameter on 3 ft. stems. Long lasting. Fall delivery. \$2.00 doz.

TRIQUETRUM. (Lily-of-the-Valley Onion). An easily grown bulb with loosely formed heads of bell shaped pure white flowers each segment with a green midrib. This variety will succeed anywhere in the garden regardless of the situation or exposure. Summer and Fall delivery. \$1.00 doz.

TUBEROSUM. (Oriental Garlic). The tender, mildly garlic flavored foliage is used for salads and seasoning while the lovely umbels of pure white flowers on tall stems make an ideal subject for cutting. Evergreen. Delivery thruout the year. \$2.00 doz.

UNIFOLIUM. A native of California, it grows and blooms early and becomes dormant during the summer and fall. It is similar to *A. Neopolitanum* in habit but with larger flowers of orchid color. It is excellent for pot, rockery, flower border or for cutting. 18" tall. Fall delivery. \$1.50 doz.

PARISHI. A native of Southern California mountains, growing in rocky soils under pine trees. Large heads of rosy purple bell shaped flowers on 15-inch stems. Blooms in May. \$1.50 doz.

Agapanthus

Blue African Lily

We present herewith the most complete collection of agapanthus species and varieties offered in this country. We also have some others in our collection and under observation of which we do not have a large enough stock to list here. If you are interested in any one type we may be able to help you. Along with the commercial species and varieties we are offering several new named varieties from our own nursery which we highly recommend to the collector.

They bloom during early summer and are of easiest cultural requirements. In fact, the most frequent cause of failure to flower is too much care and fussing with them. Plant in a sunny location and leave them alone other than very occasional watering in the summer. Any good garden soil will do and they don't have to have good drainage. Delivery thruout the year, but we prefer to mail out the deciduous kinds during the winter. By the way, the deciduous kinds are ideal for growing outdoors in the cold sections as they may be lifted and stored during cold weather.

AFRICANUS MOOREANUS. A slender growing plant with narrow strap-shaped leaves stained purple at the base. The medium size umbels of blue flowers are small but well formed, on three-foot stem. This species is evergreen in California, but deciduous elsewhere. It should be hardy where winter temperatures do not fall below zero. \$1.00 ea.

AFRICANUS MOOREANUS, MINOR. Smaller and dwarfer than the above, and as it comes from high altitudes is nearly harder. The plants are very small and three to five may be planted in a 6" pot, thus giving lots of a color in a small space. 50c ea.

BLUE SKYROCKET (Giridlian, 1942.) A new variety developed at Oakhurst that tops them all for graceful form and brilliancy of color. The large heads of brilliant deep blue flowers spread out in umbrella form and resemble skyrockets bursting the sky. The individual florets are bell shaped and semi-pendant or flaring. Foliage blue-green. Flower stems up to 5 feet high. \$3.50 ea.

INTERMEDIUS. A low-growing form possibly related to Africanus with the deepest blue of all. Semi deciduous in California. Stock very limited. \$2.00 ea.

LONGISPATHUS. A new species that is destined to become very popular. The flowers resemble Orientals, but are carried on a 3-foot graceful stem. The foliage is more graceful and narrow, and the plant is compact. The spathe valve that covers the buds is long and pointed. Very graceful and floriferous. 75c. Miniature form similar to My Joy but not named. \$1.00 ea.

MY JOY. (Giridlian, 1943.) This variety was so popular that we were forced to withdraw it from the market for several years in order to work up a new stock. It is a very pretty grassy leaved form with bright blue flowers on 15" stems. Fine for the glasshouse. \$2.00 ea.

ORIENTALIS. The robust growing species that is extensively grown all over Southern California and is locally sold as *A. Umbellatus*. It has large heads of blue flowers on 4-foot stems. It has broad, evergreen foliage. 75c ea.

ORIENTALIS ALBA. A pure white form of the above variety with black anthers. \$2.00 ea.

ORIENTALIS ALBA, SELECT. A choice selected large flowering variety with extra large umbels of white flowers, yellow anthers giving the flower a creamy cast. \$3.00 ea.

PETER PAN. (Giridlian, 1949.) A new introduction of merit and a welcome addition to the line of graceful dwarf types we have been working with. This is similar to the older My Joy but is more formal and of a different and smoother shade of blue. Outdoors the foliage is 8" high and the flower spikes 24". Very free flowering. We had a plant in a 12" pot with 25 umbels in bloom at one time and making a glorious picture. \$2.00 ea.

STORM CLOUD. (Giridlian, 1943.) From the standpoint of color, free blooming habit, and long blooming season this variety has no peer. It is usually the first to bloom and last to quit. The large umbels are held high on 5 ft. stems, each carrying as many as 150 florets. The buds are gray-violet and are held upright. The open flowers are bell shaped and semi-pendant. Before the first stems are finished blooming two more new ones are producing from the base. \$3.00 ea.

VON WEILEGI. This is the tallest growing species in our garden, often passing the 6 ft. mark. The plant is even more robust than the orientalis and the umbels larger. The flowers are a light or lavender shade of blue and are semi-pendant. We recommend this for planting among shrubbery and for background planting. \$2.10 ea.

WEDDING BELLS. (Giridlian, 1949.) We are happy to be able to introduce such an unusually beautiful and outstanding variety. It is a superior plant in every way and there is nothing like it on the market. The 4½-ft. spikes arise from robust plants. The flowers are bell shaped and pendant and form large heads of pure white umbrella shaped umbels seven inches across. \$5.00 ea.

ALBATROSS. (Giridlian, 1951.) We have had this variety under observation for a number of years and delayed introduction in order to work up sufficient number of plants to satisfy the demand which we are sure a plant of this caliber will create. The plant is large and robust; foliage light green in color and evergreen. The huge umbel of flowers is carried on a stiff and straight four-foot stem. There are about 150 flowers to the umbel, each floret over three inches across, of fine texture and heavy, long-lasting substance. The color is pure white with no suggestion of blue or lavender even on faded flowers. In the center of each petal is a creamy midrib, and the yellow anthers help to give the flowers a creamy cast.

We predict this will be very much in demand in the near future for the florist as a corsage flower, especially as it blooms in June when white flowers are in great demand for weddings. If the plant is grown by the florist every flower on the umbel can be used as it opens. \$10.00 ea.

**JOIN THE BULB SOCIETY
Write for Information.**

Amarcrinum

HOWARDI. A bi-generic hybrid of *Crinum Moorei* and *Brunsvigia rosea* (*Amaryllis belladonna*). A very satisfactory plant with large heads of very fragrant clear pink flowers all summer and fall. May be grown in tubs or lifted in the winter. Culture same as for *Crinum*. Delivered anytime. \$2.50 ea.

DELKIN'S FIND. A new variety of unknown origin similar in all respects to the above variety but a little smaller in all its parts and the flowers are more perfect and better formed. \$2.50 ea.

Amaryllis

GIANT HYBRIDS. This is the spring flowering "red" amaryllis with giant flowers occasionally ten or more inches across. The colors are variable from white with red veinings to solid scarlet and reds. Each stem will usually bear four flowers and some large bulbs will have more than one stem. Winter delivery. Flowering size bulbs 75c, large bulbs \$1.00. In mixed colors only.

We can also supply a lovely pure white variety at \$7.50 ea.

JOHNSONI. A very attractive amaryllis hybrid, the first to be offered to the trade and still quite popular. Medium size red flowers with a white stripe down the middle of each segment. 75c ea.

OAKHURST HYBRIDS. A cross between the Giant Hybrids and *Amaryllis Garfieldi*. A prolific bloomer with medium size flowers on tall graceful stems. A fine cut flower variety. Colors are mostly shades of red, and red with white veinings. Mixed colors only. \$1.50 ea.

ADVENUM. (Oxblood Lily.) Sometimes listed as *habranthus miniatus*. Same growing habit as *Sternbergia Lutea* and blooming at the same time with it. Three or four very dark red, rather small flowers on 12-inch stems. Should be left alone for several years for best results. Plant in open sunlight 6 inches deep. Summer and fall delivery. 50c each.

CANDIDA. A Brazilian species having very long trumpet shaped pure white flowers on tall stems. Very rare and lovely. Stock limited. \$6.00 ea.



Amaryllis advenum



Alstroemeria aurantiaca

Alstroemeria

Peruvian Lily

A free flowering race of plants from South America. They bloom in June on tall, wiry stems and are ideal for use as cut flowers and for corsage use. Plant in the sun or half shade in sandy soil two to four inches deep, but where the winters are cold they may be planted as much as nine inches below the surface. In the coldest areas the tubers may be lifted and stored away for the winter. Fall delivery.

AURANTIACA. Pure yellow flowers with petals tipped green and spotted brown. Evergreen foliage. The rhizome is succulent and can not be dried out. Plant rhizome in a horizontal position. \$2.50 doz.

AURANTIACA MAJOR. A large flowered form with deep orange or reddish flowers. \$2.50 doz.

CARYOPHYLLAEA. A radical departure from the other species in that the flowers are fragrant, and bloom in the winter. This plant was lost to horticulture for more than a century until rediscovered in 1940. The growing habit is similar to *A. pulchella*, evergreen and blooms December thru March. The flowers are red and green outside, white and green inside, spotted deep green. It should prove to be a nice house plant for the cold sections. \$1.00 each.

CHILENSIS. A very pretty Chilean species with large umbels of flowers in pleasing pastel shades from white through pinks to reds, oranges and all shades of yellow, all beautifully marked with a yellow zone and spotted purple. Two to four feet high and spring blooming. \$2.50 doz.

PELEGRIINA. (Lily of the Incas.) Very large lavender-pink flowers with heavy spotting of purple on the inner petals. 18 to 24 inches high with succulent, curiously twisted leaves. Highly recommended. \$2.50 doz.

PELEGRIINA ALBA. A pure white form of above with light spotting of yellow on the inner petals. Very charming and highly recommended for corsage making. \$2.50 doz.



Anthurium Andreanum, hyb.

Anthurium

Flamingo Flower

ANDREANUM HYBRIDS. A strictly glass-house flower as it is a tropical plant requiring high night temperatures and high humidity. The flowers are like highly colored and varnished callas to which they are related. They last three months on the plant and several weeks when cut. The color range is from white thru all shades of pink to deep reds. The size of the flower varies with the size of the plant. The larger the plant the larger the flower. Plant in Osmunda and leaf-mould, or a combination of leaf-mould, moss and sand. Fertilize once in a while with liquid manure. Wet the leaves occasionally during the heat of the day.

Colors are pink, rose, coral, orange-red, dark red, shell pink, and white.

Prices quoted are for mixed colors or our selection. If you want a particular color please add 20% extra.

2 year old seedlings, up to 6" high, not blooming size, \$2.50 ea.

3 year old plants, blooming size, up to 12" high, \$6.00 ea.

5 year old plants, blooming size, up to 18" high, \$10.00 ea.

8 year old plants or older, up to 24" high, \$15.00 ea.

SCHERZERIANUM HYBRIDS. Very attractive dwarf plants with brilliantly colored flowers and a curiously twisted spadix. Delivered via airmail direct from Hawaii. \$10.00 ea.

CRYSTALLINUM. A strictly ornamental foliage plant. The flowers are small, green and insignificant. The foliage is large and always very attractive. Widely heart-shaped leaves. All the prominent veins and midrib colored a crystalline silver setting off the lovely green color of the leaf. About 8" high. \$7.00 ea.

MAGNIFICUM. Very similar to crystallinum but leaves shorter and much darker in color. A truly outstanding house plant. \$7.00 ea.

NOTE: Although these may be delivered thruout the year we suggest that you do not ask for winter delivery. We cannot guarantee safe arrival.

Anigozanthos

Kangaroo Paw

FLAVIDA, Var. BICOLOR. An Australian plant with curiously formed wooly flowers on tall, well branched stems. The foliage is like an iris except that when the leaves become old and begin to die down they take on a burnished black color. The flowers are steel-blue inside, green outside with red stems and orange anthers. Culture same as for iris. Blooms in June. 5 ft. Delivery any time. \$1.50 ea.

Antholyza

Aunt Eliza

South African winter flowering bulb allied to the Watsonia and Montbretia. Cultural requirements are same as for freesia. Makes very effective clumps in a short time. May be planted in sun or shade. Deciduous during summer and fall. Tender in cold sections. Summer and Fall delivery. \$1.00 doz.

FIRECRACKER. Closely set flowers of long, tubular form with red and orange on 30-inch stems. Flowers have a tendency for all to point in one direction.

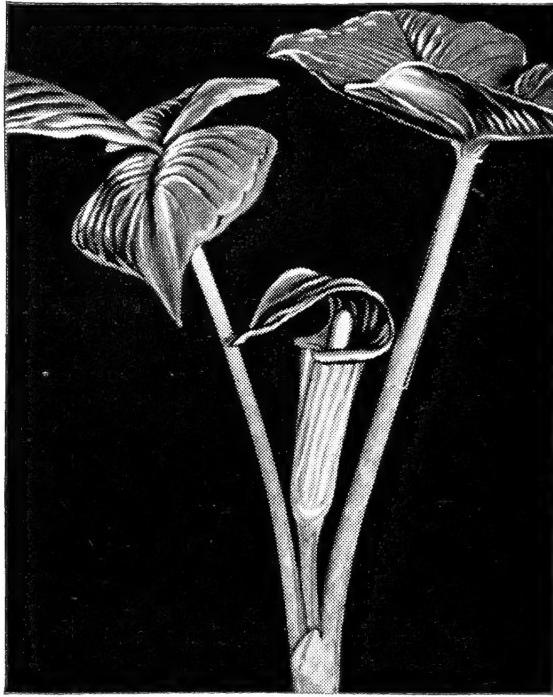
PANTICULATA. Taller, more robust growing and earlier than the above variety. Flowers are larger and of a bright orange color opening on two sides of the stem like a fan. Fine for cutting.



Antholyza paniculata

Aristea

ECKLONIS. Lovely sprays of sky-blue flowers packed closely together. Flowers close by early afternoon, but the plant blooms over a long period of time. The foliage is iris like and evergreen. Will do well in sun or shade. Delivery anytime. 50c ea.



Arisaema triphyllum

Arisaema

Jack-in-the-Pulpit

TRIPHYLLUM. A lovely aroid native of the Eastern United States where it grows in moist, shady woodlands and woodland borders. The flowers resemble calla lilies but are variously colored green, brown to blackish colors. Early spring flowers are followed in summer with clusters of brilliant red berries. Plant in a mixture of leafmould, peat and loam. Late fall and winter delivery. \$2.00 doz.

Arrhenatherum

Variegated Oat Grass

BULBOSUM VARIEGATUM. Also known as Rattlesnake grass, this ribbon-like grass has about equal areas of pure white and green in the leaves. It grows from a tuberous root that looks like a string of beads. It grows in dense clumps and is ideal for edging and pots. Becomes dormant for a short time in June. Delivery anytime. Hardy, \$1.00 doz.

Arum

These are related to the Cala Lily and are attractive novelties. They are attractive in foliage, flower and fruit. Plant deeply in sandy soil in semi-shade. Give a winter top dressing of manure and leafmould. If left undisturbed for several years the flowers will be larger each succeeding year. Delivery July to Dec.

ITALICUM. (Green Calla.) Foliage marbled and veined silver. Flowers parchmentlike, creamy to green. Blooms in May. 12 inches high. Bright red berries in summer. 75c ea.

MACULATUM, variety IMMACULATUM. Similar to A. Italicum but with plain green foliage. Rare. \$1.00 ea.

SANCTUM. (Fragrant Black Calla.) Shiny foliage resembling the white Calla Lily. The flowers are very large, blackish the first day, fading to deep maroon later. Black spadix. Lemon scented. Blooms in April in California. 75c ea.

Asparagus

Asparagus Fern

DEFLEXUS. An extremely graceful form of A. Scandens with long sprays of feathery foliage. Fine for pot culture, as a hanging plant or as a climber on a wire fence. It is not particular as to soil or exposure and anyone can grow it anywhere. Delivery any time. \$1.00 ea.

Babiana

Baboon Flower

MIXED. Freesia-like flowers of various shades of blue, purple and red. Pleated foliage. Culture same as for freesia and similar South African bulbs. Fine for the rock garden. Fall delivery. \$1.00 doz.

Boussingulata

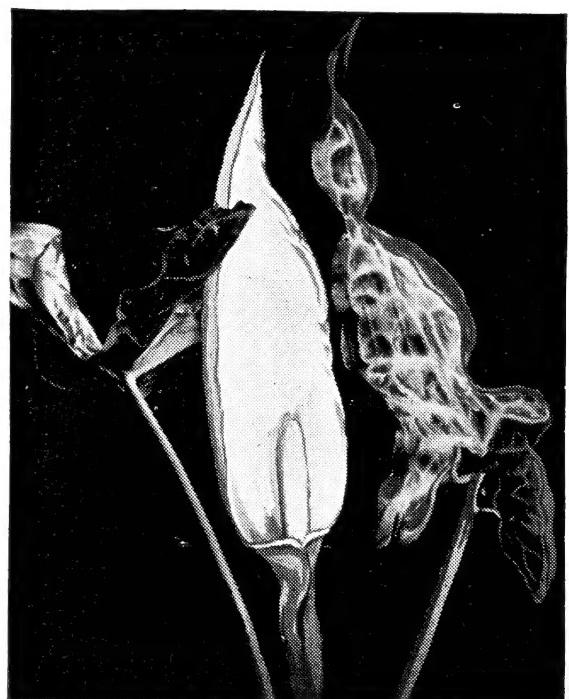
Madeira Vine

BASSELOIDES. A hardy tuberous climber. A fast grower that will cover a large area in one season. Bright green heart shaped leaves and numerous tassels of pure white flowers in August. Deciduous. Fall and winter delivery. \$1.00 doz.

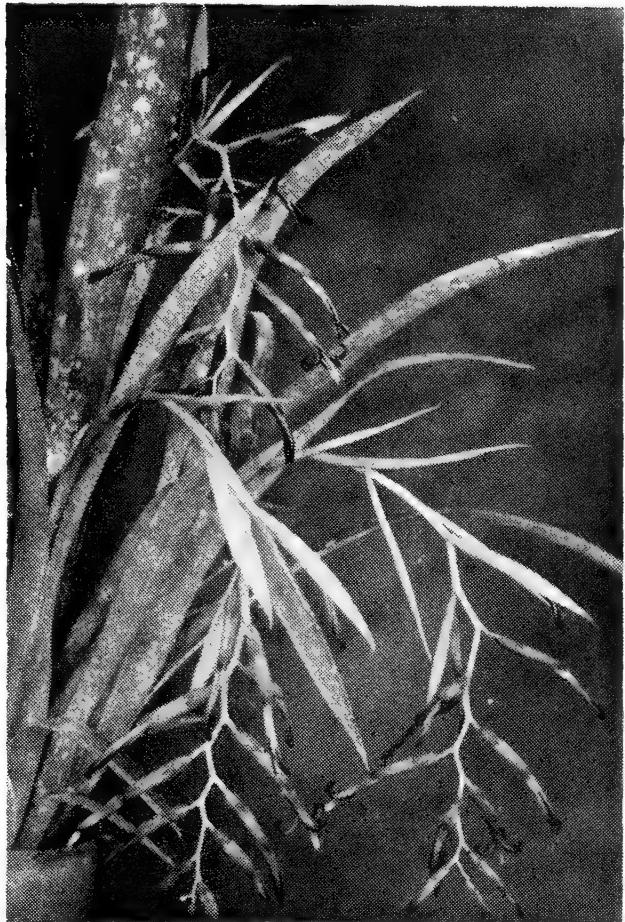
Bromelia

Heart Aflame

BALANSE. A large growing terrestrial bromeliad with well armored leaves which eventually grow to a diameter of four feet in the garden and half that size in pots. The inflorescence is a column of pinkish flowers three feet high, but while the plant is in bloom all of the inner leaves turn a brilliant flame color and the plant becomes a most brilliant sight. After flowering the leaves turn back to green again and the edible fruit develops. Plant in the hottest and sunniest spot in the garden, away from playing children. Delivery anytime. Small plants, \$5.00 ea.



Arum Italicum



Billbergia Saundersi

Billbergia

Bird of Paradise

These are bromeliads, air plants, related to the pineapple. They naturally grow on trees like orchids but under cultivation seem to thrive under any and all conditions. They may be grown in sand, peat, leafmould, moss, osmunda fiber or any combination of these ingredients. The main point to consider is that they must have perfect drainage. They may be grown on limbs of trees or may be tied to a piece of rustic wood with sphagnum moss and hung. They like filtered sunlight or light shade, overhead watering and not too wet at the roots. They hold water in the rosette of leaves and use it from there rather than from the roots. These cultural conditions apply to all bromeliads we list in this catalog unless otherwise noted elsewhere. Delivery anytime.

NOTE—All bromeliads are mailed dry and bareroot. Occasionally they will come without any roots but will form roots soon after being planted.

AMOENA. A dwarf variety with brilliant orange-scarlet bracts. Flowers deepest blue. Well established plants will bloom thruout the summer. \$1.50 ea.

AMOENA X SAUNDERSI. A new hybrid combining the brilliant color of amoena with the attractive foliage of Saundersi. May bloom at any time. \$1.50 ea.

BURKHOLTZI. Tall, light green foliage. Rose bracts and lavender flowers. Rare. \$1.50 ea.

CALOPHYLLA. (Red, white and blue.) Foliage wide, bronzy green heavily barred transversely with gray. Blood red bracts, white ovary and dark blue flowers. Everblooming. A grand house plant. \$1.50 ea.

DISTACHIA. Long, pointed foliage heavily spotted cream. Tall pendant flowers appear in the spring. Bracts deep rose, flowers blue and green. 50c ea.

ELVENIA SLOSSON. Formerly listed as *nuttans* x *Alberti*. Very long, strap shaped deep green leaves which turn purplish bronze in the sun. Flower stems sometimes nearly three feet long. Bracts bright red. Flowers deep purple. A very thrifty grower and a fine pot plant. Spring bloomer. \$1.50 ea.

EUPHEMIAE. A stoloniferous plant that is ideal for hanging baskets. Wide, reflexed blue green leaves 12 inches high. The powdery bracts are rose followed by violet colored large flowers. \$2.00 ea.

LEPTOPODA. This is commonly called Permanent Wave plant because the wide, spotted green leaves are permanently curled backward. Bracts red, flowers blue and yellow. 12". \$2.50 each.

NUTANS. This is the common variety grown everywhere in Southern California. Narrow leaves. Compact grower. Winter bloomer. Bracts light pink. Flowers blue and green on pendant stem. 50c ea.

PORTIANA. Formerly listed as *nobile*. Largest of the varieties listed, both in foliage and flower. The leaves are wide, stiff and deep green. The pendant flower stem hangs over the side and the tips of the flowers touch the ground. The bracts are brilliant rose, wide-spread and a foot across. The tassel of closely packed flowers are yellowish green and the petals are tightly recurved. Rare. \$3.50 ea.

SPECIOSA X NUTANS. Prolific grower. Attractive foliage. Pink bracts and yellowish flowers in late spring. \$1.00 ea.

THEODORE L. MEAD. A lovely variety produced by this well known Florida horticulturist but although widely grown all over Southern California has never had a name. We are taking the liberty of naming it after the breeder. A luxurious grower with low spreading shiny foliage and huge pendant spikes of flowers. Pink bracts and green and blue flowers. Superb plant for hanging basket culture. Everblooming habit. \$1.50 ea.

THYRSIFLORA HYBRIDS. A cross between *B. Thrysiflora* and *B. Amoena*. We believe this is the finest of all hybrid-billbergias to date. Light green to bronzy, wide, upright leaves. Stem stiff and upright. Large rosettes of scarlet bracts and violet flowers. Winter and summer blooming. \$1.50 ea.

SAUNDERSI. A very striking foliage plant with purplish bronze leaves heavily spotted cream. Bracts bright red. Flowers blue. \$1.50 ea.

Brunsvicia Rosea

Naked Lily

This name for the older name of *Amaryllis belladonna* seems to have taken root for the present so we will use it from now on. South African amaryllid blooming in July-August before the leaves appear. Although it is fairly hardy and might survive temperatures down to zero it is primarily a winter grower and in the colder sections when planted outdoors it does not have a long enough season of active leaf growth and for that reason fails to flower. In such locations it should be treated as a pot plant and grown in a glasshouse or conservatory during the winter. Plant shallow in warm sections and in an open sunny spot. Summer and fall delivery.

ROSEA. Pure white flowers edged pink. Fragrant. 75c ea.

MULTIFLORA HYBRIDS. Tall stemmed and many flowered hybrids in a wide range of colors, all with very large fragrant flowers. Fine for cutting. \$1.00 ea.

BEGONIA

Rhizomateus

For the first time, this year we are presenting some begonias of the rhizomateus type. This type is well suited for cultivation as a house plant or in the conservatory. They are extremely easy to grow and are beautiful twelve months of the year whether or not in bloom. They are hardy enough to be grown out of doors in Southern California and Florida or wherever the winter temperatures do not fall below twenty-five degrees. These are grown for us by one of the foremost experts in Southern California who has a nearly complete collection of rhizomateus varieties and species. If there is any one species you are interested in we will be glad to quote a price.

Culture is simple. Plant in compost rich in leafmould, fertilize sparingly, use good judgment in watering, and give half shade.

The prices quoted below are for plants out of three inch pots, packed bare root in damp moss. Delivery thruout the year, but because of obvious reasons we would not guarantee safe delivery during the winter.

FEASTI (Beefsteak). A variety of long standing and popular since your grandmother's time. It is a cross of *B. manicata* and *B. hydrocotylifolia*. The leaves resemble pond lily pads, glossy dark green with red undersurface. It bears long sprays of pale pink flowers during winter. 50c ea.

FEASTI BUNCHI is a form of the above variety with curiously crested and frilled leaves of light green. The flowers are on long stems in early spring. 50c ea.

FEASTI SPIRALIS. The corkscrew begonia. A variety of "Beefsteak" with large leaves spirally twisted in the center. Very attractive. 50c ea.

INCANA. A tall growing species with oval leaves. The whole plant including the pale greenish white flowers is completely covered with white or brownish wool. Requires very little water and lots of light. This is also known as *B. oeltata*. 50c ea.

POOPENOEI. Large, bright green oval leaves on stems which will eventually attain over two feet. 50c ea.

RICKY MINTER. A new hybrid of great charm and usefulness. Large deep green leaves with curled and ruffled edges, dark red underneath. This should not be watered as much as the others. It enjoys being dry much of the time. \$1.00 ea.

SILVER STAR. One of the many "Star begonias" distinguished by its maple leaf foliage and bright silver designs on light green. Graceful growing habit and extremely lovely, 50c ea.

COLLECTION-A. Six varieties of rhizomateus plants not listed above, \$3.00.

COLLECTION-B. A collection of 6 varieties not including varieties listed above nor included in collection A, a very fine collection of rare varieties, \$5.00.

Rex

Rex Begonias are in the rhizomateus section and are among the finest of all foliage plants. They are of easiest culture and are ideally suited for pot culture in the house or under glass. They are pre-eminently shade lovers and will succeed where it is too shady for other plants to grow.

Plant in leaf-mould and sand combination or any loose soil mixture enriched with humus. Keep constantly moist but not soggy wet, being sure that the drainage is perfect. It is important that the winter temperature be kept above 40 degrees as they may drop their leaves if the temperature drops much lower. However, the rhizomes will survive several degrees of frost and come back to life as soon as warmer weather returns.

We can deliver rexes anytime of the year except to cold sections of the country during the winter. The following is a well diversified and carefully selected list of varieties, each one distinct and different from all others. They are mailed out of three-inch pots and are uniformly priced at 75c per plant or \$6.50 for the collection of twelve varieties. We can also supply the following collections:

COLLECTION A. 6 varieties not included in the list below, \$4.50.

COLLECTION B. 12 varieties not included in the list below, \$8.00.

ADRIEN SCHMIDT. Upright habit with medium size leaves. Leaf green, maroon center and margin. Large silver blisters.

ARNOLD PEEP. Large spiral leaf, center and edge deep green with silver polka dots. Balance of leaf silver.

CRETIAN. Small leaf with center and margin plum-purple bordered bright lavender with a slight blending of silver.

CRIMSON GLOW. Upright habit. Large leaves of blue-gray heavily mottled silver. Large center section and margin bright pink.

CURLY SEA NYMPH. Small slightly spiral leaves. Dark velvety green center and margin. Balance of leaf deep green heavily blistered silver.

DUKE OF WINDSOR. Medium size leaf, silver green. Slight deep green veinings with pinkish cast in the center. Edge pink and green.

ILLUSTRATA. Very small leaves, green, mottled silver with bronze veinings. Full bushy grower.

J. D. ROCKEFELLER. Large leaf, slightly spiraled. Center small deep green, border deep green with silver spots. Balance of leaf silver with a slight pink cast.

LORD PALMERSTON. Large leaf. Center and border olive green with fine mottling of silver. Balance of leaf gunmetal gray.

PIN TEX. Medium size leaf with dark center veinings, silver blisters on bright green ground. Maroon border pin-spotted silver.

QUEEN WILHELMINA. Small silver gray leaves, slightly cupped. Center veined green, edges mottled deep green and silver.

SEA NYMPH. Large leaf of green blendings. Silver spots topped with stiff red hair. Maron margin.

BEGONIA (Continued)



Begonia multiflora

Tuberous Rooted

We are offering a superior strain of these lovely plants and we are confident that there is none better to be found anywhere. The flowers are very large, brilliant and clear in color, and of good substance. They may be started any time from January to April in pots or flats in porous soil or peat, and planted out after the weather becomes warm; or shifted to large pots and treated as a pot plant. Use a compost of leaf-mould, peat, sand and loam with a liberal amount of well-rotted steer manure. Plant in a shady location and apply liquid manure occasionally when they have started blooming. In the fall, after the tops have died down, lift the bulbs and store away in dry sand in a warm place. Delivery January to April.

In mixed colors only. \$3.50 doz.

DOUBLE CAMELLIA. The flowers are full double, of true camellia form and very large. Under ideal conditions flowers six to eight inches in diameter are not uncommon.

DOUBLE FIMBRIATA. (Carnation Flowered Begonia.) Same as above but the petals are deeply serrated.

LLOYDI. (Hanging Basket Begonia.) An unsurpassed strain containing only double flowered varieties. It will produce hundreds of flowers from one bulb when well grown. Also useful as ground cover in shady flower beds.

MULTIFLORA. This is the popular begonia used for pot culture in Europe. It carries many medium to small size double flowers which literally cover the whole plant. Will do well in sun or shade.

SUTHERLANDI. A charming species with small light green foliage and spreading habit. Ideal for pot culture or for hanging basket. Produces hundreds of orange colored flowers about one inch across. Although the bulbs are very small it is a rapid grower and soon entirely covers the pot. Highly recommended.



Bletilla

Chinese Ground Orchid

HYACINTHINA. A very attractive ground orchid that is hardy except perhaps in the extreme North. Plant in the late fall or winter in a sunny location with lots of leafmould and peat mixed into a sandy loam. It will appreciate a top dressing of manure in the winter. Provide light shade if grown in pots. Six to ten flowers of a rosy-purple color on a 14" stem in early spring. Pleated foliage. Fall and winter delivery. 75c ea.

HYACINTHINA ALBA. A rare white flowered form with the palest pink flush in the lip. 75c ea.

Cattleya

This is the plant which is universally thought of when the word orchid is mentioned. It is the large lavender flowered orchid used so much for corsage making, except that they are not always lavender or orchid colored. There are pure whites, whites with purple lip. Yellows with red or purple lips and even greens and browns among them according to parentage and variety.

Cattleyas are strictly greenhouse plants as they require high humidity and warm night temperatures, but if these conditions are met in a living room window where they also receive strong diffused light there is no reason why they can not be successfully grown. They prefer a relative humidity of sixty percent or more and night temperatures of fifty to sixty degrees. They are most successful planted in osmonda fiber and watered sparingly. The flowering season varies with the species and variety and by careful selection it is possible to have flowers all the time.

*

In the description below C stands for cattleya. Lc for laeliocattleya and Bc. of brassocattleya, the last two indicating the hybrid origin.

In the price column CP means a 3" community pot in which there are 25 or more plants. These are priced per pot and we can not sell less than one pot. PB. refers to pot-back which indicates a three inch pot with three to six larger plants in a pot. These are priced per plant and we can delivery any number of plants from three to six in a pot, but no less than three. All others have one plant per pot and are priced according to the size of the pot. In most cases these are large enough to be transferred to the next larger size pot.

Deliveries can be made at any time, but we prefer to deliver during the months when the plants can not be subjected to frost. If for any reason you want delivery during frost you must assume responsibility for its condition on arrival. The Post Office will not insure against frost and the Express Company will refund only if delay or negligence can be shown.

* *

Cattleya Species

The following species cattleyas are established in five to six inch pots and are uniformly priced. \$6.00 per pot.

BOWRINGIANA. A strong growing species about eighteen inches tall, two leaves on each pseudobulb. It carries five to ten three inch flowers on each stem. The color is rosy-purple with deep purple lip. Fall bloomer.

CITRINA. One or two bright yellow flowers on a pendulous spike. Likes to grow in cool conditions and is fairly frost resistant. Very fragrant. Plants are established in red-wood baskets.

GASKELLIANA. Large six to seven inch flowers of purple-violet with orange at the throat. Spring and summer.

GIGAS. Two or three nine-inch flowers on each stem. Petals and sepals rosy mauve, the large lip is purple with two bright yellow eyes.

LABIATA. Three to five flowers on each spike. The five inch flowers are rose colored with crimson-purple lip.

LUEDDEMANNIANA. Three to five eight inch flowers on each spike. Delicious rose purple in color. Spring bloomer.

MENDELLI. Three large flowers on each spike. The color is white faintly suffused rosy mauve. The lip is rich crimson-purple. April-May.

MOSSIAE. Three or four rosy lilac flowers over six inches across. Blooms about Easter time and is called Easter Orchid.

SCHROEDERIANA. The fragrant flowers are light rose to white, lip deeper. Orange-yellow spot in the throat. April.

SKINNERI. Each stem carries eight to ten four inch flowers of smooth rose color with white at the throat. Summer.

TRIANAE. This is the Christmas Orchid as it blooms about that time, and is the most popular species. It is the most typical orchid in color and form and is easy to grow and flower.

Cattleya Hybrids

The following varieties are free blooming hybrids that are popular as cut flowers. They are large plants well established in 5 to 6 inch pots.

CROYDON. (C. Armainvillierense x C. Trianae, var. Edgar Knight.) Deep lavender-pink flowers with crimson-purple lip. Flowers freely in mid-winter. \$10.00 ea.

ENID. (G. Gigas, Low's X C. Mossiae de Riyter.) The finest strain for commercial purposes. The blooms are large, well formed, of heavy texture and freely produces usually twice a year. \$10.00 ea.

GIMAR. (C. Gigas, X C. Queen Mary.) Beautiful flowers of good color up to seven on a spike. Usually blooms in winter or spring and again sometime later. \$10.00 ea.

H. B. TURNER. (C. Tityus X C. Gen. Pultney, var. Sybil) Flowers lavender-rose, lip dark crimson-purple with yellow throat. A very fine variety. \$12.50 ea.

LUEGEAE. (C. Aurea x C. Enid). Strong growing and free flowering. Flowers medium lavender to deep rose. Lip dark crimson-purple with yellow in the throat. \$8.00 ea.

MONARCH. (C. Empres Frederick X. C. Trianae, var Grand Monarch). A popular winter flowering variety of standard color. Free flowering and long lasting. \$8.00 ea.

NEBO. (C. Percivaliana x C. Intertexa). Compact grower and free bloomer. Well formed flowers of medium size, bright rose with strong orange lip veined purple. Very colorful. \$8.00 ea.

TITRIANAE. (C. Trianae X C. Tityus). Fine flower very similar to Monarch. \$8.00 ea.

TRIMOS. (C. Trianae X X. Mossiae). A free flowering hybrid intermediate in character and coloring between the parents. \$8.00 ea.

WOLTERSIANA. (C. Queen Mary X C. Rajah). Excellent cut flower variety for winter and early spring. \$6.00 ea.

CATTLEYA (Continued)
UNFLOWERED SEEDLINGS
of quality parentage

		Size of pot	price
8—C. AURANTIACA X C. FABIANID.	Small flowers of bright bronzy colors with purple lip. Color and size are variable but always attractive. Spring.	2½" 3" 4"	\$2.50 4.00 7.50
11—Bc. ROSALIND. (Bc. Digbyana, Mossiae var. Queen Alexandra X C. Enid).	This turned out to be a very fine cross. Very large flowers of variable color but with fine large lip. Lemon throat. Fall and winter.	2½" 3" 4"	2.50 4.00 7.50
15—Lc. MARACAY X C. TRIANAE.	Dark flowers.	2½" 3"	3.50 6.00
15V—C. HENTSCHELLI X (C. Dupreana X C. Profusion).		3" PB	3.00 1.50 ea.
15W—TITYUS X Lc. HILARY.	Very dark.	3"	3.00
17—(C. WHITE EMPRESS X C. BARBARA DANE).	X Self.	2½" 3"	4.00 1.75
18—C. ENID.		2½" 3"	2.00 4.00
19—C. GIGAS.		2" 2½" 3"	1.75 2.00 4.00
25—C. MURIEL KING (C. Triumphans X C. Gregorio).	Yellow, purple or red-purple lip. Spring.	2½" 2"	4.00 2.50
83—C. SOUVENIER DE BONITA.	Pure white with gold throat. Pro- fuse bloomer, mostly in winter.	3" PB	7.50 1.50 ea.
126—C. BRUSSELS, ALBA X C. MRS. FREDERICK KNOLLYS.	White with colored lip.	3" PB	3.00 ea. 1.50 ea.
135—C. ESTELLA, ALBA X C. EDITHAE.	Pure white, yellow throat.	3" PB	3.00 1.50 ea.
150—Lc. DOROTHY FRIED X C. FABIANID.	Dark.	3" PB	3.00 1.50 ea.
300—C. EDITHAE X C.: MINA.	White, yellow throat. One of the finest whites.	3" PB	3.00 1.50
500—Lc. CONQUISTADOR X Lc. DOROTHY FRIED.	Very dark.	3"	3.00
501—Lc. BRACEYANA X Lc. CUESTA.		3"	3.00
503—Lc. FALCON X C. MOSSIAE.		3"	3.00
504—C. FABIA X Lc. CORDERAY.		3"	3.00
505—C. HAWTHORNE X C. BARBARA J. ALLEN.		3"	3.00
506—(C. HARDYANA, VAR. RUBY X C. SANTA MONICA) X (C. FABIA X C. ALTADENA).		3" 3"	3.00 3.00
560—C. EMPRESS FREDERIK X Lc. AVIGNON.		PB 3"	1.50 ea. 3.00
563—Lc. SOUTH ESK, VAR JUDY DOIG X C. BOADICEA).		PB 3"	1.50 3.00
570—(Lc. BEPPO X C. LUEGEAE) X Lc. LUDGATE.		PB 3"	1.50 ea. 3.00
572—C. LABIATA, ALBA, VAR. PRINCE OF WALES X C. ELEANORE.		PB 3"	1.50 ea. 3.00
574—C. ELEANORE, ALBA X C. LILLIAN STEWART.	White with colored lip.	CP PB	12.50 1.50 ea.
575—C. ELEANORE, ALBA X Lc. CANHAMIANA ALBA.	White, colored lip. Blooms twice a year.	CP PB	12.50 1.50 ea.
576—Lc. ELEGANS X C. ELEANORE, ALBA.	White, colored lip.	CP PB	12.50 1.50 ea.
581—C. LUEGEAE X C. PEETERSII.		PB 3"	1.50 ea. 3.00 ea.
585—C. LUEGEAE X C. AMABILIS.		PB 3"	1.50 ea. 3.00
592—C. KING GEORGE X C. WASHINGTON.		CP PB	12.50 1.50 ea.
666—Lc. ELEGANS X C. SOUVENIER DE BONITA.	White with colored lip.	CP PB	12.50 1.50 ea.

(You may order the above varieties by number.)

Fancy Leaved Caladium

Tuberous plants related to the calla lily but with highly colored leaves. May be grown indoors in the winter and outdoors in the summer. For outdoor planting we recommend planting only after the ground has become warm as they cannot take cold, wet conditions. They appreciate half shade, a soil rich in humus, lots of water and frequent fertilization. In the fall lift the bulbs and store in a dry warm place. Delivery January to May.

In a grand mixture of all colors. \$3.50 doz.

Calanthe

STRIATA SIEBOLDINI. An evergreen type of orchid which has the same growing habit and reportedly the same hardness as *Bletilla*, but which has very showy flowers. The leaves are pleated, large, oval. The flowers are about ten in number, $2\frac{1}{2}$ inches across and mostly clear yellow although some have brown coloring. We have been growing this for many years now and can recommend it very highly as a pot plant or in the open. A novelty of the highest merit from Japan. Winter delivery \$1.50 ea.

Calostemma

PURPUREA. A rare Australian amaryllid which flowers in August before the leaves. About a dozen rosy purple flowers of a narcissus-like form on a tall stem. Unusual and attractive. Prefers sandy soil rich in humus, and open sunlight. May be grown in pots. Try a few. Summer delivery. 50c ea.

Chlorophytum

Often sold as *anthericum*, *chlorophytum* differs botanically from that genus. Primarily a foliage plant, and is used much as pot plant, in hanging baskets, and also as ground cover. Long sprays of small white flowers are followed by numerous young plants which weigh down the stem making a very attractive cascade effect. Delivery anytime.

ELATUM. No. 1. Dark green foliage 24" long. 25c ea.

No. 2. Light green leaves heavily bordered cream. 50c ea.

No. 3. Light green leaves with wide cream midrib. 50c ea.

PICTURATUM. A dwarf variety. Dark green leaves, white midrib. 50c ea.

Cooperia

Rain Lily

PEDUNCULATA. These are closely allied to *Zephanthes*. They have very fragrant, night blooming flowers that stay partially open throughout the day. In the colder sections they may be treated like gladiolus, being stored in a cellar during the winter and planted out again in the spring. If planted where they can be dried out, they will bloom soon after watering and may be induced to bloom two or three times during the season by alternate watering and drying. Delivery throughout the year. 15 inches. 35c ea.

Commelina

Day Flower

COELESTIS. A lovely tuberous plant with intense blue flowers lasting one day, and belonging to the same group of plants as the Wandering Jew. Blooms all summer. A rare color in the garden. \$1.00 doz.

Clivia

Clivias are the aristocrats of the amaryllis family and always invite admiration when in

bloom. Because they thrive best in dense shade they are ideal as house plants in the winter when they will flower indoors. They will withstand eight degrees of frost and below that for several degrees the foliage will be damaged but the plants will recover. As both the leaves and roots are very long lived they should be grown in a rich, heavy soil. Place the plants in as small a pot as possible as they bloom best when rootbound. Do not be alarmed if the roots are exposed in the pots. Place in a larger pot only when the plant is pushed out of the pot or if the pot is broken. Apply liquid manure about every three months. Delivery anytime.

MINIATA. This is the original species from South Africa and is quite common in California gardens. It has narrower leaves than the hybrids and the flowers are of a salmon-orange color with yellow center. If kept rather dry during the summer it is apt to bloom a second time in the fall. \$1.50 ea.

MINIATA HYBRID. Similar to the type but deeper in color of the flower and wider leaves. \$2.50 ea.

BELGIAN HYBRIDS. This European strain has very wide leaves and is ornamental even when not in bloom. The flowers are large, well formed, of a deep red-orange color and are held on a heavy, stiff stem. \$5.00 ea.

ZIMMERMAN HYBRIDS. This strain is characterized by its very large flowers. The color is variable and may be any color from light salmon thru oranges to reddish. However we do not sell them in separate colors, but in mixture only. \$6.00 ea.

CAULESCENS. A newly discovered species, and so far as we know the first time ever offered for sale in this country. We know very little about it except that it forms a stem and the flowers are orange colored and pendulous. Should be invaluable to collectors and hybridizers. We are booking orders subject to safe arrival of the plants which is promised to us from South Africa. \$10.00 ea.



Clivia miniata

Convallaria

Lily-of-the-Valley

MAJALIS. The well known and loved Lily-of-the-Valley needs no description. The pips we carry are domestic grown, not suitable for forcing but just the right kind for planting out in the garden in a shady nook. These are particularly desirable for growing in the South and Southwest, including Southern California where the imported kinds are total failure. Delivery February to April. \$2.00 doz., \$11.00 per 100.

Crinum

Tropical and semi-tropical bulbs of the amaryllis family, with evergreen foliage and very large bulbs. They grow easily and will soon establish themselves and flower freely. In cold sections they may be grown in large pots or tubs. Plant with half the bulb above the ground. Six to twelve large fragrant flowers are produced to the umbel. Delivery anytime.

CECIL HOUDYSHEL. One of the best hybrid varieties, and a most profuse bloomer. Rose pink flowers on tall stems. \$3.00 ea.

ELLEN BOSANQUET. A most unique color among crinums, being of a deep wine-rose color. The flowers are large and fragrant. \$2.50 ea.

MOOREI. An African species that does best in past shade. The large, bell like flowers vary in the shade of pink. Nearly hardy, and a free bloomer. \$1.50 ea.

POWELL ALBA. An extremely beautiful pure white flowered hybrid of merit. It rivals the Easter Lily in beauty. \$1.50 ea.



Crinum Cecil Houdyshel



Cyclamen Europaeum

Cyclamen

The following four species are the hardy cyclamens and may be grown out of doors anywhere. They are small flowered compared with the common florist type but much more graceful. They are easy to grow in a sunny location in gritty non-acid soil, either in pots or the garden. The tubers should not be planted deep enough to cover the crown but may be covered with a mulch of leaves. All have exquisite foliage. Delivered anytime.

EUROPAEUM. Autumn flowering. Crimson. Sweet scented. \$1.00 ea.

NEOPOLITANUM. Rosy-pink, foliage silver marbled. Fall blooming. \$1.00 ea.

ATKINSONI ROSEUM. Spring flowering, pink. \$1.25 ea.

REPANDUM. Spring flowering, bright crimson. \$1.00 ea.

PERSICUM GIGANTEUM. This is the florist's type that is so popular as pot plants. It has very large flowers varying in color from white thru pinks, lavenders and red to crimson. They like a shady spot in the garden and while it is not hardy in the north it may be left undisturbed for many years in the South. Winter blooming. Sold in mixture only. 50c ea.

Cryptbergia

A begeneric bromelaid hybrid of Billbergia and Cryptanthus. The flowers are very insignificant, but the foliage is lovely, being of pinkish and bronzy tints especially when given plenty of light. Highly recommended for the window garden. Delivered anytime. \$1.00 ea.

Cymbidium

These orchids are very popular now in California and are fast becoming the favorite corsage flower thruout the country because of the fact that the flowers are extremely long-lasting. As they have a very heavy substance they last three months on the plant and many weeks when cut. A well established plant will produce several spikes each with from six to thirty flowers according to variety.

The color of the flowers are fairly constant in wild species, at least they can be recognized for what they are, but the hybrids are quite variable within certain limits and in some hybrids almost any color may be expected under the same name. In this list we give the predominant color of the variety but can not guarantee that the plant you receive will be that color.

Here in our gardens we grow them in raised beds of prepared compost under the shade of Live Oaks, and many gardeners prefer to grow them in this manner because of the ease of culture under these conditions. However, many prefer to grow them in pots so they may be given individual attention, and may be removed under glass during the winter to protect them from frost and prevent the flowers from being spotted by the rains and dew. Either method is satisfactory. We recommend growing them in the open whenever the weather conditions permit.

The compost used is almost as numerous as the individual persons growing these plants. After a little experience you will find a certain mixture

that seems to be better suited to your conditions and that the cymbidiums are very tolerant and will grow almost in any kind of compost that is well drained and is not alkaline. Any combination of sandy loam, leafmould, steer manure, sponge Rock, sani-soil, Vermiculite seems to give fair results if good judgment is used and the plants fed occasionally with liquid manure or fertilizer.

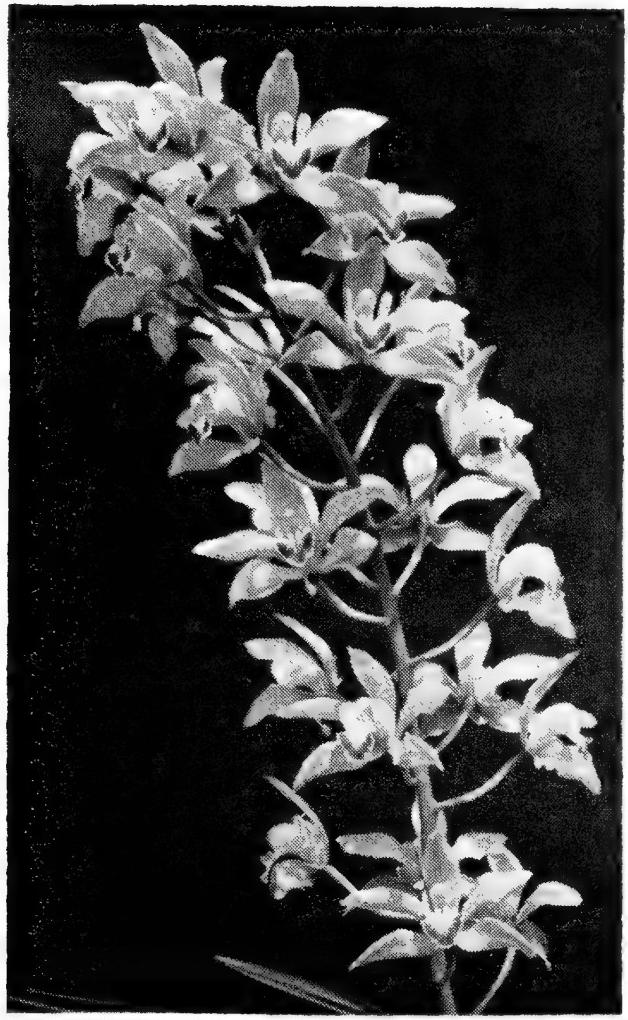
In planting in pots, enlarge the drainage hole, place lots of broken crocks and charcoal on the bottom for drainage and plant with three-fourths of the pseudobulbs above the compost. Place in a half shaded location and do not "babey" them too much. Syringe the foliage on hot days.

We can supply plants of any size, but we consider a plant with three pseudobulbs as a good blooming size plant, and our quotations are for that size. If you want smaller or larger plants just add or deduct 25% of the price of each bulb more or less wanted. For instance, if the plant is quoted at \$10.00, a two bulb plant will cost \$7.50, and a four bulb plant \$12.50. On many varieties we can occasionally supply backbulbs for those who want to get a start for very little investment. We are quoting price on backbulbs but please give a second and third choice when ordering in case we are sold out of the variety you want.

Cymbidiums are packed bareroot in damp moss and mailed, except in cold weather when they will be sent express charges collect.

	plants	back bulbs.
BUTTERFLY. Rosy purple shadings on creamy ground. Lip spotted purple. Very early.	\$10.00	\$1.50
CAPELLA. Free flowering midseason variety with erect spikes bearing numerous light green flowers. Lip yellow spotted lightly with red.	10.00	1.50
CERES. Fine, wide open flowers of pink shades. About twelve flowers to the spike. Midseason.	13.00	2.00
EBURNEO-LOWIANUM. Also known as C. Veitchii. A profuse bloomer even though the flower stems carry only five flowers. The flowers are large, greenish yellow with yellow lip lightly spotted scarlet.	10.00	1.50
GIGANTEUM. A very early flowering species. The flowers are comparatively small but attractive. Sepia on creamy ground. About ten flowers to the spike.	6.00	1.00
GRANDIFLORUM. The largest flowered species which has been repeatedly used by breeders to give us the modern large flowered fine hybrids. A fine blending of green and yellow shadings. Lip spotted red.	12.00	2.00
HUGH EVANS. A late flowering hybrid that has become very popular. Large flowers on tall spikes. Flowers green with a red zone on the yellow lip.	14.00	2.00
LOWIANUM. A very graceful species with arching spikes of large green flowers with red zone on the lip. As many as thirty flowers are carried on a spike. Late and long lasting.	12.00	2.00
OLIVE. A fine recently named English variety. Colors predominantly pink.	20.00	3.00
PURPUREUM. A robust growing English variety with large, perfectly formed flowers having wide segments. Color variable but mostly reddish.	35.00	5.00
PERI. One of the leading favorites among Cymbidium collectors. Large flowers of very heavy substance. Reddish brown on creamy grounds. Lip heavily spotted red.	35.00	5.00
RADAK. A fine quality English hybrid. Mostly shades of yellow.	30.00	5.00
RESEDA. A foolproof freeflowering variety with many medium size flowers on the spike. Flowers shades of buff. Midseason.	10.00	1.50
SUSAN. An English variety of fine quality. Flowers are shades of pink.	20.00	3.50
TRACEYANUM. An early flowering fragrant species with greenish and brownish shadings on yellow ground.	10.00	1.50

In addition, we can supply backbulbs of some fine varieties such as Alderman, Constance Flory, Doris aurea, Mayfair, Martha Wynn, Mildred Hunter, Sidlow and about twenty others at \$5.00 ea. For backbulbs of the top-notch hybrids such as Alexanderi Westonbrit crosses and other prize winners write for prices.



Cymbidium

Cypripedium

Lady slipper orchid

This year we are able to offer a very fine collection of cypripediums from a large collection in our neighborhood, and although we are listing only a very few species, we are in a position to quote on nearly any species and many high grade hybrids. These cypripediums (*Paphiopedilum*) will do well under ordinary glasshouse care and some are very suitable for the window garden. They may be grown in leaf-mould and sand or in osmunda fiber. Place in a half shaded location and keep constantly moist. Since they have no pseudobulbs the resent being dried out. In addition to the species lisited, we can supply fine hybrid seedlings ready to bloom within a year at \$10.00 ea. Delivered any time weather permitting.

BELLATULUM. Well rounded pretty flowers on 4-inch stems. The ground color is usually white or light yellow, heavily spotted purple all over the flower. Mottled foliage. \$7.50 ea.

CALLOSUM. (See illustration on front cover.) Dorsal petal white striped with green and brown. The lower petals strap shaped, edged with purple hairs and spotted on the upper edge with "beads." Free blooming. 12-inch or more high. Very desirable. \$7.50 ea.

CONCOLOR. Large, beautifully marbled foliage. The beautiful creamy yellow flowers are about two inches across and are carried on short stems. \$5.00 ea.

INSIGNE. The most popular species and hardy enough to be grown outdoors in Southern California and Florida. The foliage is plain

green. The flowers are on tall stems, of a combination of yellow, green and brown, but quite variable among different plants. \$5.00 and \$7.50 ea.

VILLOSUM. Green leaves spotted purple at the base. The large flowers are brownish-purple, green and white combination. The petals are lined with hairs. \$7.50 ea.

Dieten

African Iris

Moraes having rhizomatous rootstock and evergreen foliage are called Dietes. They are native to South Africa and belong to the iris family. They are hardy in climates where the fig can be grown, but elsewhere they should be treated as pot plants. Their cultural requirements are the same as for iris, but are much more tolerant of adverse conditions. They will grow under any conditions, but bloom best in hot sun and under neglect. The flower stems on all but *D. bicolor* are perennial and will produce flowers year after year if not cut off to the last node. Attractive foliage plant. The flowers last only one day but are produced continually. Delivery anytime.

AFRICA. (Giridlian, 1950). A new hybrid between a very wide-leaved form of dietes from Zululand and *D. iridioides johnsoni*. It has wide leaves and large pure white flowers with yellow and lavender markings. Unlike all others this is a night bloomer, opening as it does by 3 P. M. and closing the following morning by 10. It is tender and except in very favored locations it should be treated as such. Fine for pot culture. \$2.00 ea.

BICOLOR. A distinct species with stiff light green foliage. The flowers are well rounded, yellow with blackish maroon signal blotch in the center. Blooms all summer. 75c ea.

CATANULATA. A low growing variety with fan-like foliage and prostrate habit of growth. Flowers are pure white with lavender style branches and yellow beard. May be used as a hanging plant but if the flower stem is staked it will grow to a height of over six feet. 50c ea.

CONTRAST. A fine hybrid with dark green foliage, ivory white well rounded flowers. Yellow signal blotch and purple style branches. 75c ea.

IRIDIODIES. This is the type form, and although the flowers are not as large as the more popular variety below, it is nevertheless rare and practically unobtainable, and should be included in all collections from a botanical standpoint. The color of the flowers and habit is like its more showy variety but blooms on different days. \$1.00 ea.

IRIDIODIES JOHNSONI. A robust growing plant very popular locally. Flowers are very large, pure waxy white with orange and brown signal blotch and large lavender style branches. It blooms periodically thruout the year. 50c ea.

LEMON DROPS. Large, clear ivory flowers with three lemon colored spots in the center. \$1.00 ea.

ORANGE DROPS. Identical with the above variety but with orange spots instead of lemon. \$1.00 ea.

ZULULANDI. This is an unidentified species from Zululand and until it is positively identified we are naming it Zululandi for identification sake. It is one of the parents of AFRICA. This has huge, very wide foliage resembling a giant Marica. It is worth growing for the foliage alone. In fact the creamy flowers are disappointingly small and fugitive. It and its hybrid are shade loving plants. We have only a few plants available at \$3.00 ea.

Dianella

An Australian rhizomatous perennial with tall, swordlike dark green foliage. The flowers are deep blue, small but very numerous on well branched stems. They are followed in the summer with large blue berries that are like porcelain beads of turquoise color. It is shade loving and should be allowed plenty of room in the garden as it spreads by means of stolens. It makes compact pot plants. Tender. Delivery anytime. \$1.00 ea.

INTERMEDIA. A fine variety for pot culture and in the greenhouse where space is limited.

TASMANICA. A rather common variety in Southern California. Taller and more robust than the above variety.

Dierama

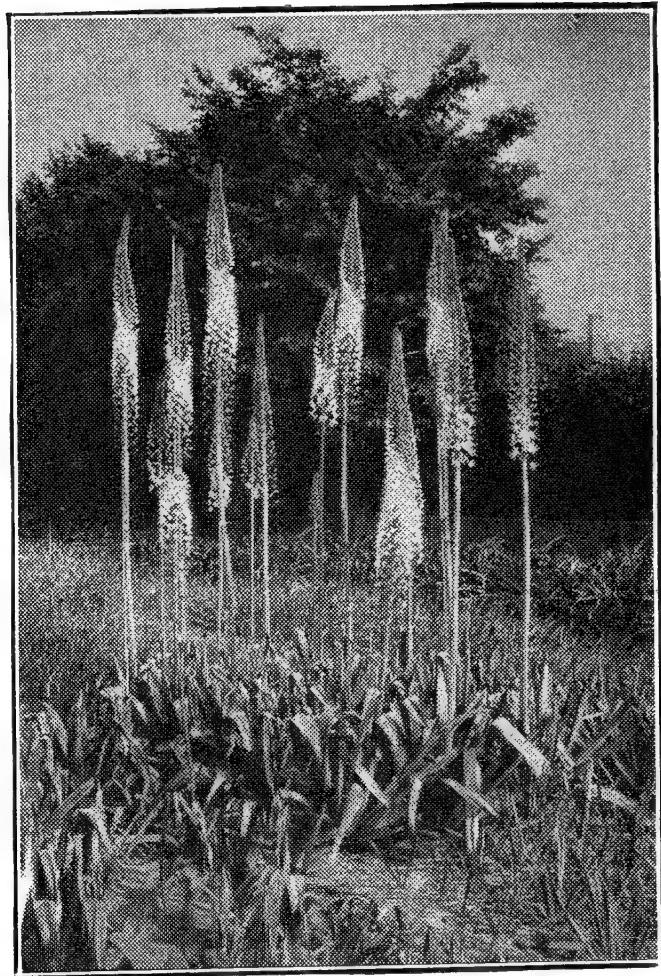
Wedding Bells

PEACHBLOSSOM. A named variety of *D. pendula* with light lavender colored flowers. The flowers are bell shaped and are suspended on wirey stems on a tall graceful spike. It is sometimes referred to as Fairy Wand. Half hardy. Plant in a moist location in open sunlight. In nature it is a streamside plant. Evergreen foliage that is stiff and grassy. Summer and fall delivery. 50c ea.

Eucharis

Eucharis Lily

AMAZONICA. A grand bulbous plant of the amaryllis family from Brazil. It carries four large pure white fragrant flowers on each stem. The flowers are formed like a narcissus, four inches across and are very fragrant. It is



Eremurus robusta



Eucharis Amazonica

strictly a greenhouse plant and likes shade. It may be brought into flower several times a year by alternately active growth and a short period of rest. Delivery anytime. \$1.50 ea.

Eremurus

Foxtail Lilies

These are among the most spectacular of all flowering plants. Their huge, sensationally striking spikes of flowers arise nobly to a height of five to eight feet and add a touch of dignity to the garden picture. They are absolutely hardy and do not need to be disturbed for eight or ten years after planting. They bloom in the early spring and in order to protect the flower spike it is advisable to cover with a mulch of straw. After blooming the foliage dies down, but annuals may be planted over the bulbs to fill the vacancy. Plant in open ground five inches deep. Delivery September to January.

BUNGEI. Graceful spikes of golden yellow set off by golden red anthers. \$3.00 ea.

HIMALAICUS. The giant of the genus growing as it does to an occasionally height of nine feet. The flowers long-lasting and purest white with golden anthers. Blooms in May. \$4.00 ea.

ROBUSTA. The deep pink colored spikes are only a little shorter than the above variety and of a noble bearing. Blooms in June. \$3.00 each.

SHELFORD HYBRIDS. These come in many pastel shades and are lovely anywhere in the garden. Sold in mixed colors only. \$2.50 ea.



Eucomis punctata

Epidendrum

OBRIENIANUM. This is locally referred to as the Baby Orchid. The flowers of bright red color are about one inch across, in large clusters on tall stems. Everblooming habit. Must have plenty of light to flower. Both of these varieties will do well in the window garden. Rooted cuttings delivered anytime. Plant in soil compost or leafmould. 75c ea.

Eucoms

Pineapple Lily

Interesting bulbous plants from South Africa. Large attractive foliage spotted purple on the back side. The numerous small whitish flowers are produced on the upper half of the stem and are surmounted with a rosette of leaves similar to a pineapple. They are greenhouse subjects except in the warmer sections of the country. Grown in any kind of soil, and in sun or half shade. Deciduous. Don't be alarmed if the bulb looks like it has been mutilated. The cluster of bulbs are joined together solidly and do not separate like other bulbs; so in cutting them up they will show great scars which will not injure the bulbs in any way. In planting cover the crown of the bulb one inch deep. Winter delivery.

PEDUNCULATA. Leaves dark green, erect, lightly spotted purple at the base. The stem 18 inches tall, raceme about 10 inches, very dense, purple in color because of the color of the bracts. The flowers tubular at first, upright, later opening full into a variety of colors from green to pure, glistening white, often marked with purple. Crownings leaves 2 inches across, deep green widely marginated purple. \$1.00 ea.

PUNCTATA. Flowers creamy white, star-shaped with purple center. Leaves dark green. Mottled purple underneath. Very fragrant and long lived. 30 in. \$1.00 ea.

UNDULATA. Wide, undulated bright green leaves. Dense heads of bright green flowers with large crown leaves. 12 in. \$1.50.

Fascicularia

BICOLOR. A rare bromeliad with glaucous, yucca-like foliage having small spiny edges. The plant is terrestrial and grows equally well in sun or half shade, and eventually assumes a semi-spherical form of great size. This plant would be worth growing even if it did not flower, which indeed it does not very often condescend to do, but when in bloom the cone of reddish flowers in the center and the rosettes of leaves around it turned flame color is a sight to behold. Stock very limited. Delivery anytime. \$3.00 ea.

Gloriosa

Glory Lily

ROTHSCHILDIANA. A charming climbing Lily from South Africa. Flowers which are produced in summer are large, bright yellow with some red at first gradually ageing to all red and no yellow. They thrive in moist sandy soil enriched with humus. Tubers may be lifted and stored away for the winter. Plant the tuber horizontally six inches deep and do not water too much until growth starts. Sun or half shade. 4 ft. Delivery December to April. \$1.50 ea.

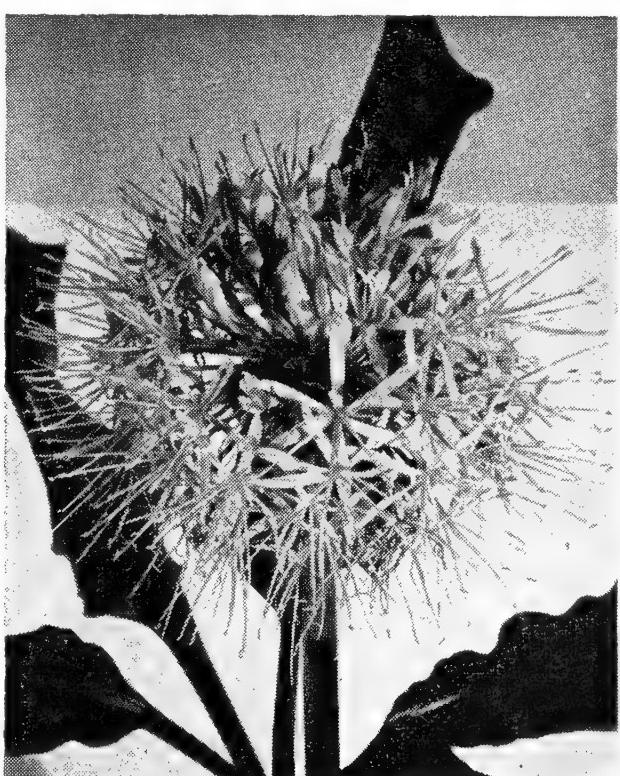
Habranthus

BRACHYANDRUS. An extremely lovely amaryllis allied to the zephyranthes. Long, large, tubular flower of purplish pink with a deep purple throat on 15 inch stem. Will bloom several times a year by alternate periods of active growth and rest. 50c ea.

ROBUSTA. A grand variety with large pink flowers almost like Amaryllis Belladonna in size and shape, a profuse bloomer. 12 inches. \$2.00 doz.

Hermodactylus

TUBEROSUS (See Iris tuberosa.)



Haemanthus Katherinae

Gladiolus

This year again we are listing several small flowered gladiolus species and hybrids which will be welcomed by the grower who appreciates grace and charm in a flower and to whom mere size is not a criterion. These are all very early bloomers and are useful for pot culture and for flowering indoors. They are not troubled by thrips because they are thru blooming by the time thrips become active. Delivery September thru November.

TRISTIS. (Evening Flower.) This is the variety concolor, a straw yellow form with no spotting. Grows to a height of three feet with three to five flowers on each stem and very fragrant in the evening or in the dark. Where the climate permits they should be left undisturbed for several years. \$2.00 doz.

COLVILLI. (Baby Glads). Of later years there has been a spontaneous demand for these lovely glads, and in order to satisfy these demands we are listing several colors.

BLUSHING BRIDE, white with cermine blotch. PEACH BLOSSOM, exquisite pink. PINK PERFECTION, rosy pink. SPITFIRE, brilliant reddish salmon. THE BRIDE, lovely white, and CHARM, purple. \$1.25 doz.

BYZANTINUS. Purplish red on tall, thin stems. \$1.25 doz.

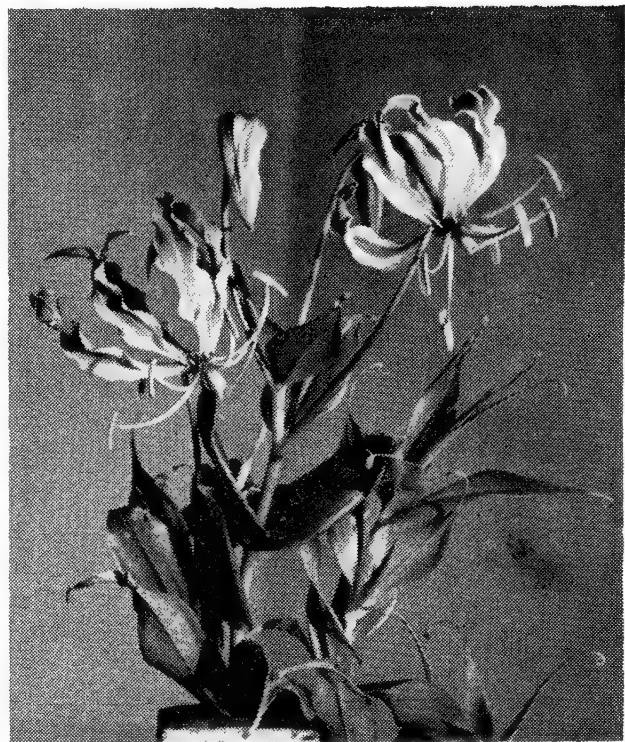
BYZANTINUS ALBUM. A charming new pure white variety. Very nice for cutting. \$2.00 doz.

CUSPIDATUS. A dwarf species of free flowering habit. White with purple flacks. \$1.75 doz.

SEGETUM. Bright carmine pink. \$1.50 doz.



Gladiolus tristis, concolor.



Gloriosa Rothschildiana

Haemanthus

A race of amaryllis from South Africa that is very varied in their habits, appearance and flowers. They all will do well in sandy soil and in half shade. Well suited for pot culture and are universally admired.

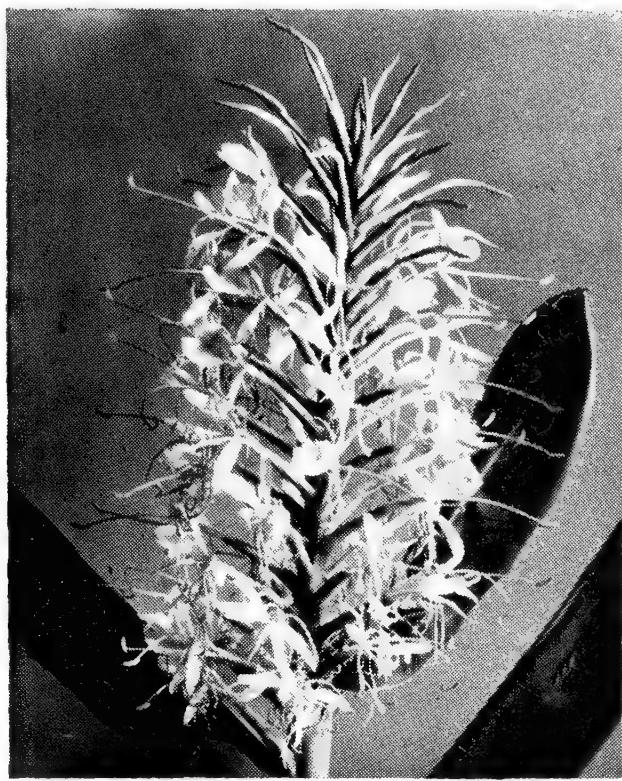
ALBIFLOS. Wide evergreen leaves that always attract attention. The late summer is its blooming season when clusters of closely packed white flowers appear on flexuous tall stems. Plant with over half the bulb above the soil. Delivery anytime. \$2.00 ea.

COCCINEUS. (Blood Lily). A very unusual species producing annually two huge leaves which lie flat on the ground. In late spring the leaves die down and the flowers are up before the new leaves in the fall. The heads of flowers are blood red with orange anthers, followed with purplish berries. Will bloom equally well in open sun. Summer delivery. \$3.00 ea.

KATHERINAE. The most gorgeous of the haemanthus and one of the most spectacular of all bulbous flowers. The leaves are palmate and decorative, nearly evergreen. The two foot stem rises from the base of the leaf stalk and carries a large umbel of scarlet flowers in the summer. There is nothing like it in beauty and novelty. Delivery January to April. \$6.50 each.

Heliconia

HUMILIS. A tropical plant allied to and resembling the banana in foliage, but growing only to a height of about four feet. The red flowers which resemble Strelitzia flowers in shape are suspended from the top of the plant like Alpinia nutans but on a zigzag stem. Highly recommended for large greenhouses or for outdoors in the extreme South. Delivery anytime. \$5.00 ea.



Hedychium Gardnerianum

Hedychium Ginger Lily

Tropical plants that are very ornamental both in foliage and flower. Will do well in the open throughout the South and West. Elsewhere grow in tubs as a greenhouse subject. Plant in rich soil, provide light shade and plenty of water. They refuse to flower if kept too shaded. The flowers are produced in terminal heads and are very fragrant. Delivery anytime except spicata which is delivered in late fall and winter.

COCCINEA. (The Red Ginger). Although we have never been able to flower this plant in our garden many of our customers have been more successful. The foliage is compact and very aromatic. 50c ea.

CORONARIUM. (Butterfly Lily). Flowers are produced from a cone and are pure white, very large and highly fragrant. Will grow in open sunlight provided enough water is supplied. 50c ea.

FLAVUM. (Yellow Ginger). Much like Gardnerianum but clear yellow, tall grower. \$1.50 ea.

GARDNERIANUM. (Kahili Lily). A robust grower with wide leaves on a stiff stem. Flowers sometimes form large clusters eighteen inches high and a foot in diameter. They are yellow with red stamens. Fragrant. A sure bloomer. \$1.00 ea.

SPICATA. A newly introduced variety with loosely formed creamy yellow flowers. Being deciduous it may be lifted in the fall and stored away till spring very much like the canna is treated and will add a tropical touch to the Northern gardens. Stock very limited. \$3.00 ea.

Hellaborous Christmas Rose

ORIENTALIS HYBRIDS. While this is not a bulbous plant, the interest shown in the few plants in our garden and the demand for a supply has been so persistent that we have decided to offer some for sale. This is a hardy shade loving plant that blooms in the winter, for the

Lent season out of doors and for Christmas indoors. The foliage is like that of a peony, to which it is related, and the large nodding flowers are white thru all shades of pink, lavender to purple. The flowers age to a lovely shade of green and stay on the plant for several weeks. They are very attractive when made into corsages. Delivered any time, in mixture only. \$1.50 ea.

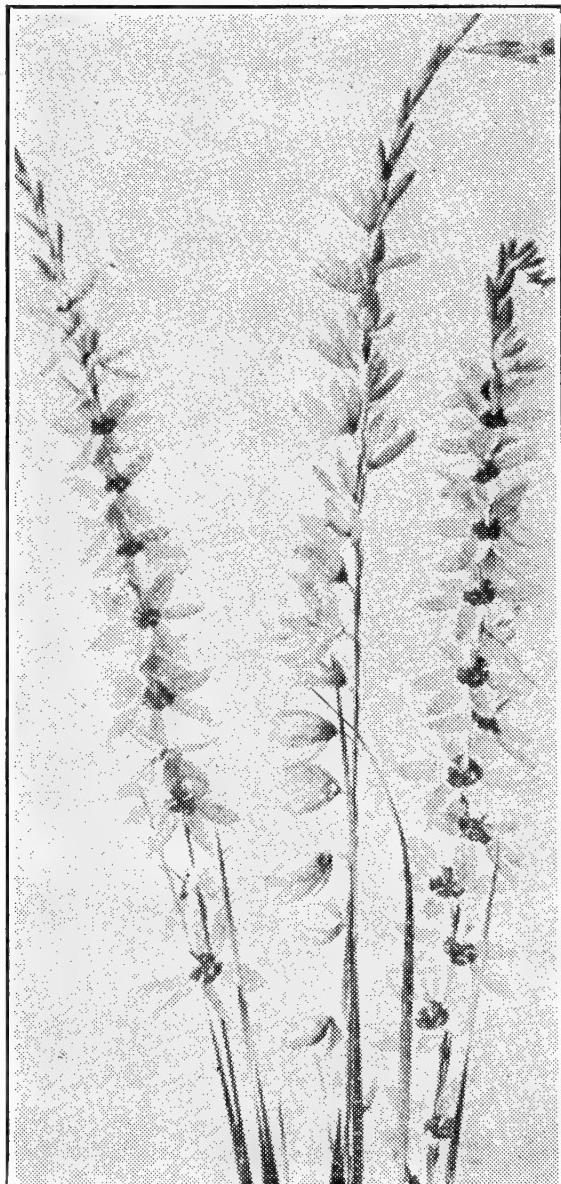
Ixia

South African bulbs with numerous showy flowers on stiff, tall wiry stems and with tall grassy foliage. The flowers close at night, but even when closed are decorative, and are greatly in demand for arrangements. Cultural requirements are the same as for Fressia or Gladiolus. For best results they should be planted close together in groups of 12 or more. In warm sections they may be left in the ground for years. Delivery September to December.

RUBIDA. Tall and graceful. Ruby-red. \$1.50 doz.

VIRIDIFLORA. An extremely beautiful and rare species. Ground color is usually some shade of blue-green set off by the black eye. Must be kept dry after flowering. \$2.50 doz.

MIXED. A grand mixture of many colors. \$1.00 doz.

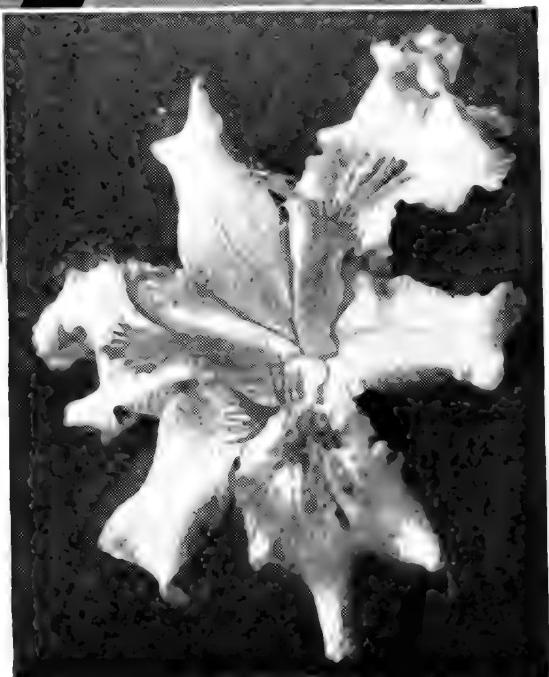


Ixia viridiflora



Iris NADA (Pronounced Ney-da)

See opposite page for description.



IRIS

Evansia

Crested Iris

Evansia section includes some of the choicest and most orchid-like flowers to be found anywhere. As a group it is well adapted for planting in the shade, and includes the dwarfest and tallest species within it. Plant where they can be kept moist during the growing season. They prefer acid conditions and appreciate a top dressing of leafmould or any kind of mulch. All are tender except cristata. Delivery anytime.

DARJEELING. Similar to Nada but with larger and more frilled flowers. Well worth a place in the cool glasshouse. \$1.50 ea.

FAIRYLAND. A cross of Uwodu and Wattii, this forms compact masses of attractive dark green foliage. The flowers are the same size as those of Wattii but have the coloring of uwodu. The garden effect is one of charm and delicate beauty. We heartily recommend this as a house plant. \$1.00 ea.

JAPONICA. A native of China and Japan with evergreen foliage and highly frilled lavender flowers on well branched stems in winter. 75c ea.

NADA. A cross between Wattii and Japonica which has proved its worth thruout the country and has become one of the most popular iris in California and the Southern states. It has neat evergreen foliage, three foot well branched and rebranched stems carrying over 200 flowers, lovely orchid-like form and fine cutflower value. It is winter blooming. Here in Southern California it starts to bloom about the middle of February and keeps on blooming to about the first of May. Lends itself to planting in the open ground, in pots or even in hanging baskets. It increases rapidly, will grow and bloom in sun or shade and is not too particular as to the kind of soil it is grown in. The color of the flowers is white flushed light lavender with orange crest. Surely for a plant like this it would not be asking too much to provide a little winter protection, especially when you can bring it into the house to bloom in the winter. \$1.00 ea.

UWODU. A distinct and hardier form of Japonica. Shiny, light green foliage. Showy white flowers heavily spotted purple. Increases by stolens that sometimes grow three feet away from the mother plant. Recommended for ground cover and hanging baskets. 50c ea.

WATTI. (Bamboo Iris). Also known as Iris confusa. An amazing species from the southern slopes of the Himalaya Mountains, with a habit of growth more like bamboo than an iris. The large fan-like foliage is held on stiff stems, sometimes five feet high. The flowers are white with small orange crest. Fine for background planting to the other members of this section. \$1.00 ea.

Louisiana

Delta Iris

These species and hybrids are native to the Mississippi delta and are mostly hardy. They will grow in sun or part shade and will tolerate dry conditions after flowering but should be liberally watered during the growing season. The foliage is good, flowers showy, and useful for cutting. Delivery anytime.

CACIQUE. A hybrid of the deepest velvety royal purple self with a very small touch of orange at the crest. Sells on sight. \$1.00 ea.

DARK MORASS. Another hybrid of bronzy shadings with a rosy purple undertone. \$1.00 ea.

CAROLINE DORMON. An iris certainly worthy of its name. If the unusual is what one likes, here it is. Starting with a heart of pale gold, the colors blend to a deep rose-red at the tip of the sepals and petals. The sepals recurve slightly upward at the tip forming a point. A 6" flower borne on a 36" stem. Has a deeper color in the sun. \$3.50.

MIRACULOSA. An extra large flowering species. Flowers are white with sky blue overcast. Yellow crest. \$1.00 ea.

ROYAL SAVANNAHRUM. The flowers are not as large as the others but make up for it in the brilliancy of their colorings. Violet blue deepening to purple in the haft. \$1.00 ea.

SAVANNAHRUM. Very large, deep velvet blue with yellow signal blotch. Fine for moist situations. \$1.00 ea.

JEUNE FILLE. (De Baillon-Dormon 1942). Delicate and lovely large frilly flowers with a yellow crest. The best of the collected whites of Giganticaerulea form. 40 in. \$1.50 ea.

FLEXICAULIS. Bright blue with white and yellow throat. Cheerful flowers on 16-inch stems, nestling among the foliage. Similar to Foliosa. \$1.00 ea.

FULVA. Flowers bright brick color on 3-foot stems. Color unique among Iris. Segments drooping. \$1.00.

RHUMBA. (Shehee-Dormon 1946). This iris was collected near New Orleans. Its exquisite huge 7" blooms are entrancing. It is a deep cream with heavy veining of orchid. \$1.50 ea.

Miscellaneous

CAROLINA. An iris that will grow in water. Medium size sky blue flowers. Late. 50c ea.

DOUGLASIANA. A native of California but is hardy and will grow anywhere. The flowers are shades of blue and purple. Rather difficult to transplant except in the early spring when it is making new roots. We suggest that you place your order and let us use our judgment as to the shipping time. 50c ea.

PAL-TEC. A cross between the crested tectorum and tall bearded pallida. A low growing iris with charm and personality. Flowers of clear violet blue. Always attractive. 50c ea.

FOETIDISSIMA. (Christmas Iris). A shade loving evergreen species having insignificant purplish flowers. However the seed pods which are formed abundantly burst open in the fall exposing brilliant red seeds which keep their color for months when picked and dried. Universally admired for flower arrangements. Fall delivery. 50c ea.

SHREVEI. Very similar to Caroline but of a deeper color. 50c ea.

POVONIA. (*Moraea glaukopis*). The Peacock Iris. Well rounded blue or white flowers with prominent peacock blue signal blotch. Very attractive. For best results should be planted in close groups. 1.50 doz.

RETICULATA. Extremely early bulbous iris with red-purple flowers on 6" stems. Four sided leaves. \$1.50 doz.

SISYRINCHIUM. Really a moraea, this is a free blooming bulbous plant with interesting violet colored flowers over a long period of time. Can be left undisturbed for many seasons. \$1.00 doz.

TUBEROSA. The Snake Head Iris. Interesting combination of yellow, green and black. Very useful for corsage making. \$2.00 doz.

IRIS (Continued)

Spuria

Butterfly Iris

Spurias are among the easiest of iris to grow, once planted in a suitable location requiring no further attention; although they will respond to careful cultivation. They are perfectly hardy and will succeed in sections of the country where the bearded iris is not successful. As a cut flower they rival the Dutch iris because of their tough petals that will not break and are long lasting. As a landscape subject they are supreme among the various sections of iris. Delivery July to November.

AUREA. Tall, deep yellow. The falls are long and narrow. 50c ea.

AZURE DAWN. A nearly sky blue variety with lemon spot on the falls. Unusually smooth in color and texture. Last to bloom in the section. \$1.50 ea.

BRONZSPUR. A very tall variety with brown buds and old gold flowers veined heavily with brown. Fairly glows under artificial light. \$1.50 ea.

MONNIERI. A species similar to aurea but lighter in color and with wider segments. 50c ea.

MOUNT WHITNEY. (Milliken). The giant of the Spurias. Huge flowers of white with deep yellow center on the falls. Broad foliage. 60 in. \$3.00.

OCHROLEUCA. The most common form in this section, and is universally admired as a garden subject. White with gold signal blotch in the falls. 50c ea.

SAUGTAUCK. Large, soft lavender flowers with orange signal blotch. Quite different from all others and highly recommended. \$1.00 ea.

SUNNY DAY. Large flowers in two shades of yellow. \$1.00 ea.

RUSSET FLAME. A very attractive deep brown on golden ground. A robust grower of fine form and habit. \$1.50 ea.



Iris foetidissima

Unguicularus

These are perfectly hardy and deserve to be better known and more widely grown. They will succeed best in a hot and dry location and thrive in poorest soil. However they should be kept moist until established after planting. The flowers appear from November on until April and if cut in bud will last several days. Deliciously fragrant. Delivery anytime.

QUEEN ELIZABETH. A dwarf variety with short, grassy foliage and bright flowers heavily veined purple on lighter ground. \$1.00 ea.

STYLOSA ALBA. A robust growing species large, purplish with yellow crest. \$1.00 ea.

SPECIOSA. Tall grassy foliage. Flowers very large, pure white with yellow crest. 50c ea.

STYLOSA MARGINATA. This is the standard variety and is grown all over Southern California. Flowers start to appear in the fall. Lavender with purple and white veinings in the throat and yellow crest. 50c ea.

Oncocyclus

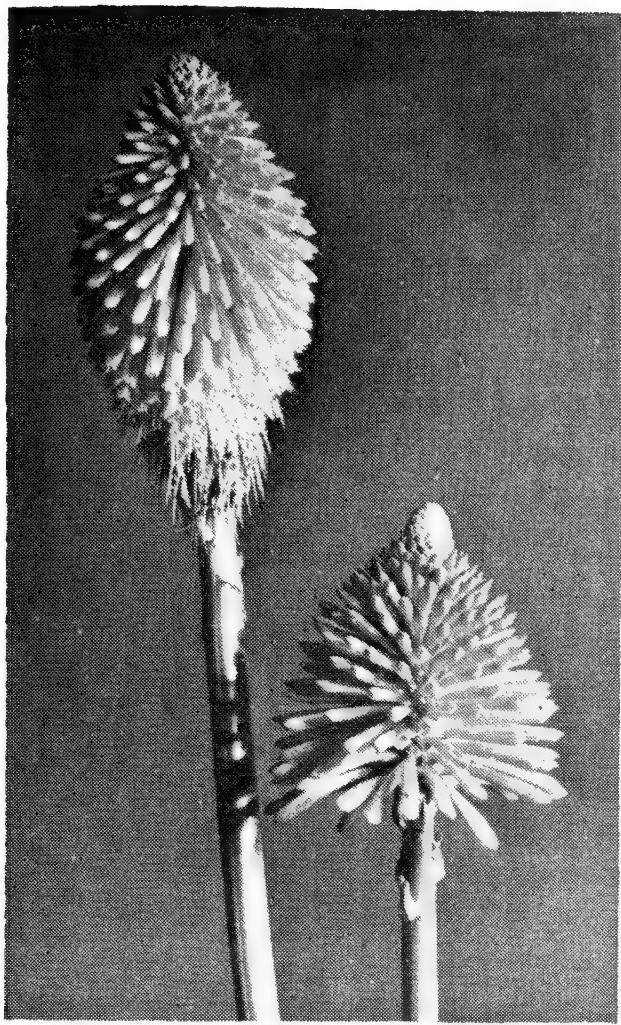
Mourning Iris

SUSIANA. The mourning iris. A single huge flower on a 15-inch stem, early in the spring. The color is nearly black, being thickly veined and dotted purplish black on a gray ground with a large black signal blotch in the center of the falls. Both the haft of the standards and of the falls have black beard. Each flower is a poem in itself, and a sight that cannot be forgotten.

It should be planted late in October in soil that has been enriched with lime and bone-meal. They are hardy and will withstand the coldest winters, provided they have good drainage. After the flowering season, withhold water and let them dry out. When the foliage has withered, dig up the rhizomes and keep them in dry sand till next October, when they may be replanted. Strong rhizomes. Delivery October to December. \$2.00 ea.



Iris susiana



Kniphofia Coral

Kniphofia

Red Hot Poker

Well known Torch Lilies which are becoming popular again because of the exquisite beauty and colorfulness of the newer varieties. Plant in open sun and water liberally. They are not particular as to the kind of soil. Useful for planting as specimens and among shrubbery. The dwarf kinds are valuable as cut flowers. In cold sections lift the roots and store in a cool place over winter. In the South and West they may be left undisturbed for a number of years. Delivery may be made anytime but we prefer fall and winter delivery.

AMBRETTE. The first to flower in our garden. Graceful three foot stems. Small heads of clear amber yellow flowers. \$1.00 ea.

CORALINA. A medium height, midseason flowering graceful plant. The flower heads are loosely formed and of a bright coral red. Long blooming season. 4 ft. \$1.50 ea.

CROWN OF GOLD. Buds lovely green, flowers clear lemon yellow. Truly ever-blooming. We have not had a day this year that this plant did not have a few flowers. Because of its color it is highly valued for flower arrangers. 4 ft. 75c ea.

CORAL. Last to start blooming but then it does not stop until winter. The flowers are a salmony coral and of globular form. Distinct and attractive. 75c ea.

HOUTROUGE. Huge flowers on six foot stems. Brilliant red turning to bright yellow. \$1.00 ea.

MINETTE. A midseason dwarf with loosely

formed heads of orange-red flowers on graceful stems. Fine cutting variety. \$1.00 ea.

MULTIFLORA. A new species of exceptional flowering habit. The plant is robust but not very prolific with us. It has the tallest stem of any and the longest flower head. It starts to flower when only 4 foot high but by the time it finally stops blooming it is well over six feet tall. Color creamy white. \$3.00 ea.

PRIMROSE BEAUTY. A miniature of lovely form and soft color. A grand variety for the flower border and for cutting. \$1.00 ea.

STAR OF BADEN. Large cylindrical heads of flowers on tall stems. Color of the flower is very unique being a shade of tan called Zinc Yellow in Ridgeway's. Midseason to late. 5 ft. \$1.00 ea.

TUBERGENI. Somewhat similar to Star of Baden but larger, taller and later. The flowers are closely set with very prominent pistils curving outward from the flower. The color is Honey Yellow and Olive Ocher. 5½ ft. \$1.00 ea.

SUNBURST. A stunning flower of distinct form. The flower heads are about a foot long. The buds are upright when closed but turn sharply downward as they open giving the flower the effect of rays of light radiating from one point. Brilliant light yellow. Midseason. 6 ft. \$1.50 ea.

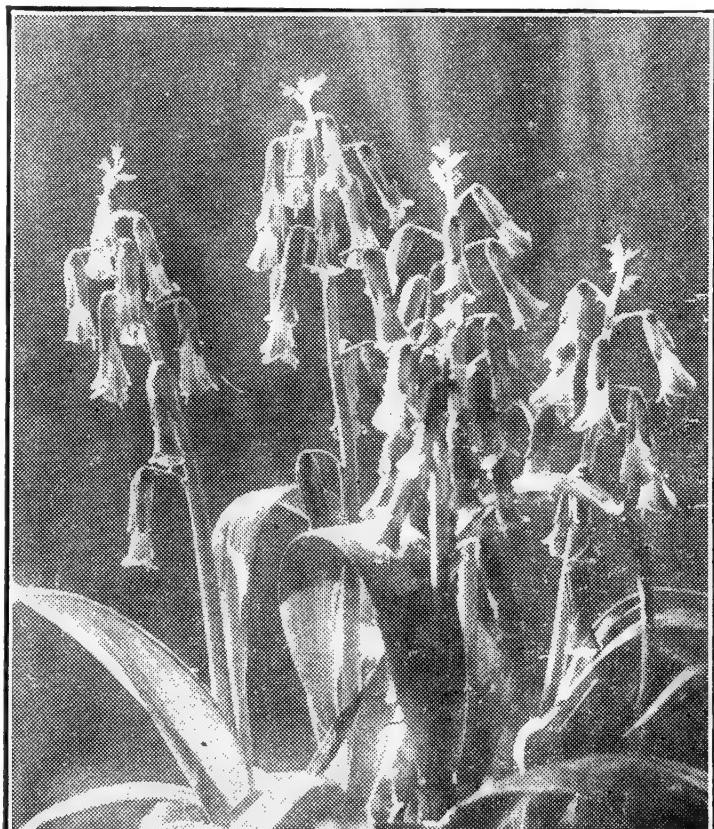
TUCKI. A species from South Africa. Very tall growing and very late. The flowers are cylindrical in form, very numerous and closely set. Soft yellow to greenish in color. 50c ea.

ZULULANDI. 6 ft. spikes of flaming flowers. Showiest of all. Flowers late fall. \$2.00 ea.

Lachenalia

(African Hyacinth)

Cape bulbs of exquisite beauty, new to this country but long known in England under the name of Cape Cowslips. They are especially useful for florists' work as they can be grown



Lachenalis aurea

in flats or in the field and shifted into pots when in full bloom. All of them do well out of doors in mild climates and are showy in beds, borders and rock gardens and all are easily grown under glass. Culture same as for Freesias. Delivery Summer and Fall. \$1.50 doz.

AUREA. A very large flowered hybrid of pure yellow with maroon tips. Numerous tubular florets are over 1 inch long and carried on stems up to 12 inches high.

PENDULA SUPERBA. Cape bulb of exquisite beauty with flowers of brilliant coral red tipped green and purple. The florets are semi-pendant and about 1½ inches long. It is especially useful for florists' work. It can be grown in flats or in the field and shifted into pots when in full bloom. In mild climates it does well outdoors and is useful for borders or rock gardens. Culture same as for Freesia. Fall delivery.

Laelia

Attractive genus of orchids similar to but smaller than cattleyas. They are easy to grow and flower. As most of them come from high altitudes of Mexico and Central America they can take several degrees of frost without damage and do not require high humidity. We recommend them for house plants in a south window, or anywhere where they get a few hours of sunlight each day. Avoid hot afternoon sunlight. Most of these are established in redwood baskets. Keep moist but not always wet. It does them good to dry out occasionally. Delivery anytime.

ANCEPS. Two to six flowers on long sprays in Autumn and Winter. Color rose-purple, very long lasting and fragrant. Extremely easy to grow. \$3.50 and \$5.00 ea.

AUTUMNALIS. Three to nine flowers in long sprays. Rosy-purple in color but slightly variable. Scented. Easily grown. Blooms in Autumn and Winter. \$3.50 and \$5.00 ea.

GOULDIANA. A natural hybrid between L. anceps and L. Autumnalis. Rosy-purple of a deeper shade than either parent. Blooms in Autumn and Winter. \$5.00 and \$7.50 ea.

GRANDIFLORA. (Majalis). Large flowers, one or two to the spike. Sepals and petals rose-lilac, lip white in center marked with mauve-purple. Should be kept dry in winter except for an occasional light syringing. Blooms May and June. \$3.50 and \$5.00 ea.

Lewisia

Bitter Root

REDIVIVA. A hardy alpine of unusual beauty and tenacity as it survives under conditions very few other plants survive. The small rosette of leaves starts to grow under the snow and soon after the snow disappears the foliage dries up. Then about the middle of May the large, creamy cactus-like flowers open close to the surface of the rocks among which it loves to grow. It lies dormant for nine months of the year. May be grown in the sunny rockery or in pots in gravelly soil enriched with humus. The roots are dug up and eaten by the Indians. For best results should be planted in groups. Delivery July to February. 50c ea.

Ligularia

Farfugium

Japanese plants with large, round leaves variously variegated. They enjoy shady locations with a constant supply of water. Will do well as a house plant. The size of the leaves may be controlled according to the size of pot and the amount of food they receive. They may be kept small by restricted pot room and starvation but their beauty will not be diminished by such treatment. In the fall they bear bright

yellow daisy-like flowers on tall, well branched stems. Delivery anytime.

KAEMPFERI, VAR. AUREO-MACULATUS. (Leopard Plant). The dark green leaves are informally spotted yellow with spots of varying size and amount, some being very heavily spotted while other leaves are all green. Hardy to near zero. \$1.50 ea.

KAEMPFERI, VAR. ARGENTEA. A very rare form with blue-green leaves edged white and the main body of the leaves unevenly variegated white and silver. The color scheme is the same as in the variegated English Ivy. The young leaves are pinkish. Some leaves are pure white with no other color. Finest of house plants. \$3.50 ea.

Littonia

Climbing Lily

MODESTA. Similar in all its characteristics to the Gloriosa but the flowers are smaller, bell shaped and pure yellow. A plant that seems to be very easy to grow and flower. Will bloom all summer if the seed pods are picked off as it will stop blooming as soon as it sets seeds. Will grow to a height of four feet and is well branched. The culture is the same as for Gloriosa. Delivery fall and winter. \$1.50 ea.

Liriope

A group of plants from China and Japan and related to the ophiopogon. They are shade loving with grassy foliage and flowers of various shades of violet on stiff stems. As they are tender they are recommended for pot culture in the North but may be used for border and bedding in the South. Delivery anytime.

GRAMINIFOLIA. Narrow, grassy foliage a foot high. Like all the other forms this is evergreen and may be used as a substitute for grass where the shade is too dense for grass to grow. It may be clipped or mowed like grass. The flowers are not showy. It spreads rapidly by means of stolens and will make a fine lawn if planted six to eight inches apart. \$1.50 doz., \$10.00 per 100.

GRANDIFLORA. The half inch wide leaves are nearly three feet high and shiny green. The flowers are about half the height of the leaves and bright violet in color. They are displayed to advantage as they are formed on the outside of the clump and make a fine showing. Fine for specimen clumps in the flower border or as pot plants. \$1.50 ea.

MUSCARI. Fine deep green leaves and very showy deep violet flowers in closely packed heads. This is the same variety listed as Majestic in some catalogs. Fine for cutting. 50c ea.

MUSCARI, FOL. VAR. An ornamental form with leaves striped heavily gold and green. Will grow best in sun. Flowers are similar to the above variety but is a rather shy bloomer. 50c ea.

Lycoris

Asiatic counterparts of nerine. They are deciduous amaryllids and bloom in the late summer before the leaves come up. Fine for pot culture, and may be grown in the South in the open border. They need a thorough baking in the sun to flower well. Summer and fall delivery.

ALBA. A lovely white flowered form. This is quite rare and we are listing it for the first time. \$1.00 ea.

AUREA. Large umbels of bright yellow flowers on 2 ft. stems in the early fall. Scarce. \$1.50 ea.

INCARNATA. A nearly white variety with large flowers. It is a light flesh colored form of L. radiata. \$2.00 ea.



Lycoris aurea

RADIATA. (Guernsey Lily). Formerly sold as Nerine sarniensis and is still listed as such in some catalogs, but there is a true nerine by that name. A profuse bloomer, especially if the bulbs are not disturbed for a number of years. Bright rosy-red with gold dust sheen, and very long stamens which gives it the common name of Spider Lily. \$2.50 doz.

SQUAMIGERA. This is known as the Hurricane Lily and Hardy Amaryllis. It is perfectly hardy in the north if planted 6 inches deep and mulched. Flowers large and of a pinkish lilac color. 2 feet. \$1.50 ea.

Marica

Walking Iris

GRACILIS. One of the South American Shell Flowers with long flat leaf-like stems at the ends of which several young plants are formed. These eventually weigh themselves down to the ground and take root. If grown in pots they form fine cascades for hanging. The flowers are purest white with deep blue standards and brown center. They last but a day. One of the most popular house plants. Nearly hardy. Delivery anytime. 75c ea.

Milla

Mexican Spring Stars

UNIFLORA. A very low growing plant related to allium. The flowers are light blue, on 6 inch stems and blooming over a long period of time. Particularly nice for edging or rockery Fall delivery. 75c doz.

Moraea

African Iris

An interesting group of bulbous Irids mostly from South Africa, many being new to cultivation. They all flower in the Spring and show a wide range of color, height and habit. They require same culture as for freesias, except where special direction is given. Summer and Fall delivery. (Also see Dietes.)

POLYSTACHIA. Slender plant up to 3 feet high with many wiry branches. Flowers produced in profusion during winter in California. The color is bright lilac with orange eye in the center of the outer segments. Blooms can be had



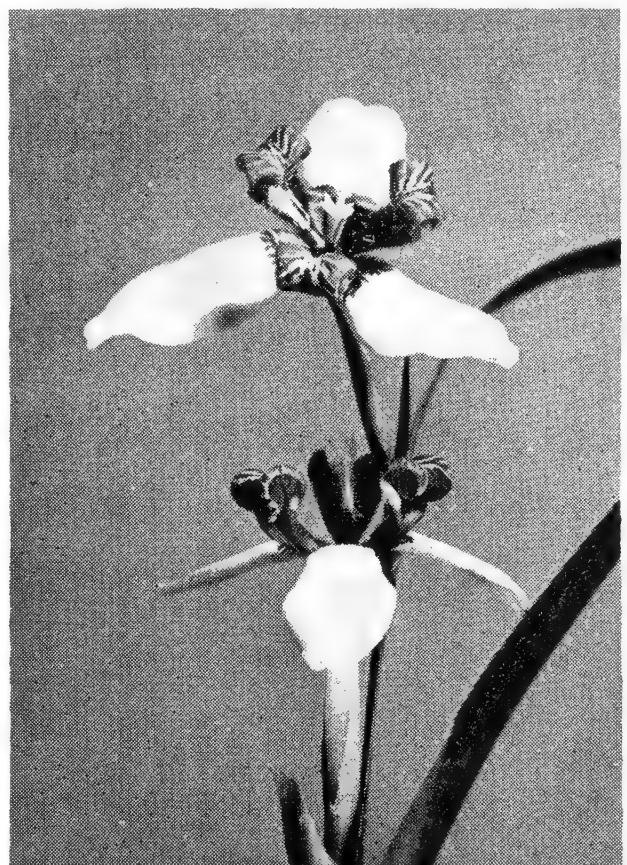
Milla uniflora

throughout the year by making a succession of planting about every two months. The bulbs may be held in cold storage at 40 degrees. \$1.50 doz.

RAMOSA. Streamside plants requiring plenty of water and a very short resting period in summer. Blossoms are 2½ inches in diameter, pure amber yellow with a yellow oval surrounded by dark blue at the base of the falls. Flower stalks are 3 to 4 feet high, with many branches. Well suited for planting in the flower border. Blooms in May and June. Delivery early summer. \$1.50 doz.

GLAUCOPIS. See Iris povonia.

SISYRINCHIUM. See Iris sibirinchium.



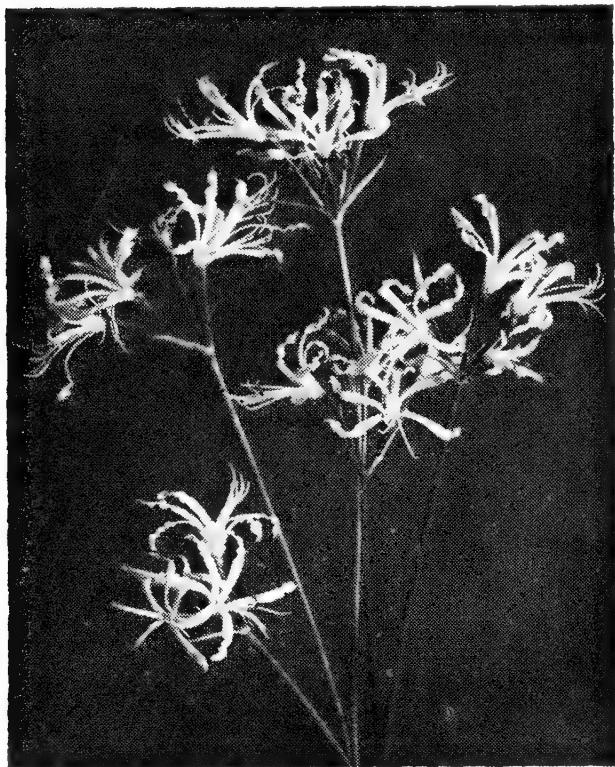
Marica gracilis

Muscati

Grape Hyacinth

ARMENIACUM. The well known blue grape hyacinth. Thrives in any open situation. Plant in masses for best results. May be used for edging or in company with other low growing perennials such as pansies. 50c doz.

COMOSUM PLUMOSUM. The feathered hyacinth. Large pyramids of lilac imperfect flowers. Very unique and beautiful. 75c doz.



Nerine filifolia

Nerine

Very striking group of amaryllids from South Africa. Some are evergreen while others are deciduous, but all with very lovely umbels of flowers. Plant in rich sandy loam and rest during the summer. Delivery anytime.

BOWDENI. Large flowers, pink with rose colored line down the center of each petal. Seven to ten flowers on 18" stem. Fall bloomer. \$1.00 ea.

FILIFOLIA. Fall blooming with evergreen thread-like leaves 6 to 8 inches long. Flowers dark pink with narrow wavy segments, pistil and stamens longer than the segments. Six to eighteen flowers on wiry stems 12 to 15 inches tall. Fine for cutting and rock garden. Delivery any time. \$2.00 doz.

FOTHERGILLI MAJOR. Iridescent scarlet flowers of large size on 12 to 18 inch stems. Very brilliant and beautiful. \$1.50 ea.

MAGNIFICA. Pinker and larger than Bowdell on 18 to 24 inch stems in the fall. \$1.50 ea.

Odontoglossum

CITROSMUM. Flower scrapes drooping, flower sepals and petals lilac colored, lip rose. Very fragrant. Should be kept dry in winter. Enjoys half shade and cool conditions. Delivery any time. \$5.00 and \$7.50 ea.

Oncidium

CAVENDISHIANUM. An easy to grow orchid with large leathery leaves and two to three foot spikes bearing hundreds of flowers. Color yellow spotted red, lip bright yellow. Spring blooming. \$3.50 ea.

Orchids

See under BLETILLA, CALANTHE, CATTLEYA, CYMBIDIUM, CYPRIPIDIUM, EPISENDRUM, LAELIA, ODONTOGLOSSUM, ONCIDIUM, SPATHOGLOTTIS AND VANDA. Please let us know if you want any particular orchid. We have access to a great many species and varieties.

Ornithogalum

Star of Bethlehem

ARABICUM. Large umbels of pure white flowers with a shiny black eye in the center of each flower. The individual flowers are over two inches across. Fine for cutting. Fall delivery. \$1.00 doz.

CAUDATUM. (Sea Onion). Very large bulbs with three foot leaves which are succulent and are supposed to have medicinal value. The flowers are small and greenish white, but there are hundreds of them along a four foot stem. Numerous bulbils are formed under the skin of the bulb which eventually drop off and takes root. Plant the bulb with most of it above the ground. Delivery anytime. 50c ea. Bulbils 50c doz.

Oxalis

Plants related to the Wood Sorrel and with clover-like leaves that close up at night. They are useful for pot culture, hanging baskets and planting out in the open.

CRASSIPES. A compact growing species with evergreen and everblooming habit. It is tuberous and does not set seeds, so does not become a pest in the garden. The flowers are small but in closely packed clusters. Color rose-pink. Will grow in sun or half shade. Delivery anytime. \$1.00 doz.

CRASSIPES ALBA. A rare pure white form of the above species and is fit companion for it in the garden picture. \$1.50 doz.

HIRTA. A large flowered winter blooming bulbous plant with bright rose-pink flowers and feathery foliage. Erect growing but will eventually become prostrate of its own weight. We recommend this very highly. 75c doz.

Pancratium

Peruvian Daffodil

MARITIMUM. Like a giant pure white daffodil but blooming in summer. Six to eight fragrant flowers to each umbel. The strap shaped, twisted leaves are blue-green and are evergreen. It is similar to the well known ismene but likes to be grown in dry sandy locations. It refuses to flower if kept moist during the summer. Will tolerate alkiline in the soil. Delivered anytime. 50c ea.

Pitcairnia

XANTHOCALYX. A terrestrial bromeliad of easy culture suitable for potting or outdoor culture where the temperature permits. It is native to Santo Domingo. It has long, bright green, grass-like foliage drooping gracefully and exposing the silvery underside. The spike, which attains a height up to three feet under favorable conditions, bears numerous bright yellow flowers. Blooms in June. Delivery any time. \$2.00 ea.

Quesnelia

Bromeliads similar to Billbergia and will grow under the same cultural conditions. The flowers are brilliant in themselves but lack the colorful bracts of the billbergia.

ARVENSIS. This is a terrestrial plant and should be grown in the ground or soil mixture if potted. The leaves are large and spiny. The bloom is erect and a brilliant shade of pink in a large closely packed umbel. Should be grown in open sunlight. Rare. \$5.00 ea.

LIBONIA. Light green foliage that is rather stiff in carriage. The flowers are stunningly different being a combination of deep orange and blackish purple. \$2.50 ea.

SPECIES. An unidentified species, much smaller in size than the above species and very graceful. The blue-green leaves are sharply recurved. It is stoloniferous and is fine for use in hanging basket work. The flowers are small and a combination of deep blue and bright red. \$1.50 ea.

Rohdea

Sacred Lily of China

JAPONICA. A fine foliage plant from China and Japan and is sought after as a pot plant and house plant. It will take quite some frost without damage although we don't know just how hardy it is. The inconspicuous flowers are followed by closely packed berries which turn scarlet in November and keep fresh and colorful till April. Plant in any kind of soil and place in a shady location. When ordering please mention the year of the catalog ordered from. Delivery any time. As we have never been able to find out the names of the varieties we are listing them under number. Delivery anytime.

No. 1. Type plant. Wide, sward shaped leaves, plain green. \$1.00 ea.

No. 2. Wavey light green leaves edged creamy yellow. \$1.50 ea.

No. 3. Same as No. 2, but with leaves striated yellow. \$2.00 ea.

No. 4. Smooth, deep green foliage edged white. \$2.00 ea.

No. 5. A tall growing variety with large, erect foliage edged cream. \$3.00 ea.

No. 6. Deep green, low growing reflexed foliage with prominently crested midrib. \$4.00 ea.

No. 7. Same as No. 6 but with the crest variegated yellow. \$5.00 ea.

Scilla

Bulbs closely related to the Hyacinth and are ideally adapted for naturalizing in woodlands, or for planting in partially shaded locations. Excellent for cutting. Plant about 3 inches deep and water well till after they are through blooming. Keep them dry after their foliage dies down in the Summer. They are Spring bloomers. Delivery September to January.

HYACINTHOIDES. Purplish blue flowers on 3-foot stems. It must have a very thorough baking in the summer sun in order to flower well. If it does not bloom dig the bulbs and let lay in the sun for several days. 25c; large 50c.

PERUVIANA. (Clusii). A native of Italy, Spain and Algeria. Flowers are produced in dense heads 6 to 10 inches across on a 12-inch stem. Individual flowers are about an inch across and as there are 100 flowers on a stem the flowering season is fairly long. They are hardy, except in extreme cold sections, where they may be grown in pots. Mixed colors. \$3.50 doz.

Saxifraga

CORDIFOLIA. A rhizomatous nearly hardy plant with very large elliptical foliage and large clusters of lavender-pink flowers all winter. Ideal pot plant. Thrives in shady locations. Will root readily from cutting. Delivery anytime. Cuttings 50c ea., plants \$1.00 ea.

Sisyrinchium

Plants of the iris family with variously colored flowers which last only one day, but the plants bloom over a long period. They are recommended for edgings and for bedding. Delivery anytime. \$2.50 doz.

BELLUM. (Blue Eyed Grass). Common on California hillsides. Grows in moist meadows and will become dormant when the ground dries up but is evergreen where there is a constant supply of moisture. Produces quantities of half inch flowers in various shades of blue and purple during spring and summer.

BELLUM, var. ALBUM. An extremely rare pure white form of the above species. 50c ea.

BERMUDIANUM. Similar to S. bellum and by some considered to be only a dwarf variety of it. Grows only six inches high making a lovely blue carpet. Ideal for planting in the rock garden.

CALIFORNICUM. (Yellow Eyed Grass). Native of high altitudes in Southern California, this evergreen plant is worthy of a place in the garden. The flowers are comparatively large and brilliant yellow. The foliage is light green and short.

STRIATUM. This is very different from the other species in habit and appearance. The leaves are blue-green, wide and tall resembling an iris, and is evergreen. The flower spikes rise to a height of three feet with a columnar head a foot high literally covered with creamy yellow flowers. Very effective as specimen plants.



Scilla Peruviana

Spathiphyllum

FLORIBUNDA. An ideal house or greenhouse plant with evergreen, attractive foliage and pure white calla lily like flowers in abundance throughout the year. Fine for corsage making. Plant in leafmould and fertilize frequently with liquid manure. Never allow to become dry. Delivery anytime. \$2.50 ea.

Spathoglottis

These are extremely graceful terrestrial orchids with large pseudobulbs and pleated foliage. The flowers of both varieties are borne on large heads at the ends of long spikes and continue in bloom for several months, the older flowers dropping off and the new ones taking their place. Plants prefer sunny location and well-drained rich soil. It is important to keep the surface of the ground well mulched to avoid drying out of the shallow roots. Delivery January to March. \$2.00 ea.

CARTER'S BRONZE. Background color orange-yellow, overlaid with streaks and masses of purple; central lobes orange speckled with tiny purple spots; lip orange-purple, about two inches across.

PURPLE WINGS. Background color cream with pale lavender blotches; lobes and lip purple with a bright yellow contrasting spot in the center; about 2½ inches across.

Sprekelia

Aztec Lily

FORMOSISSIMA SUPERBA. A large flower of dazzling scarlet color, larger and brighter than the older type plant. It is an amaryllis from Mexico having a shape similar to a cattleya orchid. May be grown in the open sun in the ground or in pots. May be lifted during the winter and stored away. Thrives in poor, sandy soil. It can be flowered several times a year by alternate active growth and rest periods. Delivery anytime. 50c ea.

Stenomesson

LUTEA. An unusual amaryllid from Peru. Tall, strap-shaped glaucous green foliage. The umbel of long, tubular flowers are carried on 2 ft. stems. The flowers are four inches long, bright yellow with green tips. Culture same as for amaryllis. It is tender and must be protected in cold sections. Only a few bulbs are available this year. Delivery anytime. \$5.00 ea.

Strelitzia

Bird of Paradise

REGINA. Beautiful flowers resembling birds about to take flight. Five or six flowers follow each other from the sheath. The flowers are orange and blue in color and are very different from most of the cultivated flowers. The foliage is large and tropical in appearance. 3 ft. Delivery anytime. Small plants \$2.00 ea. Blooming size plants \$3.50 ea. Large plants that have flowered \$7.00 ea. If more than one plant or fan is wanted in a clump add \$3.50 additional for each fan. Thus a large three fan clump would cost \$14.00 postpaid. Delivery anytime.

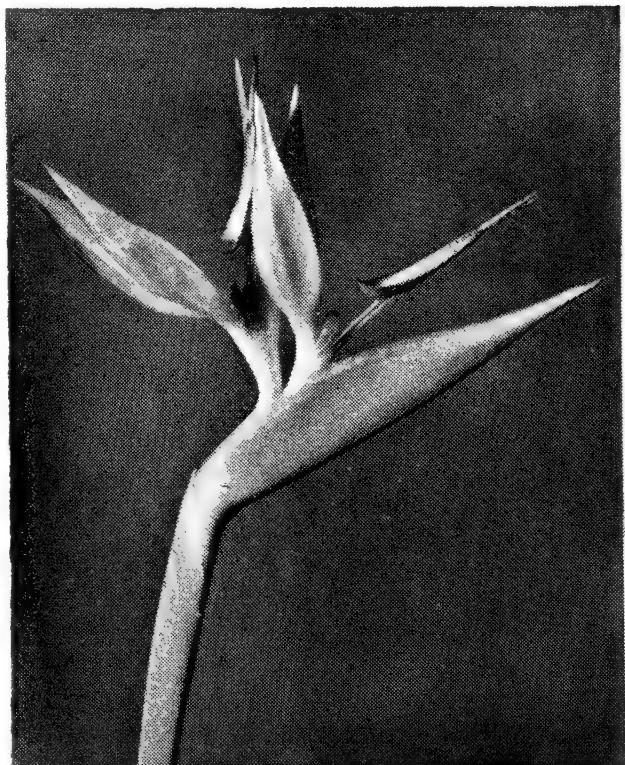
Tigridia

Shell Flower

POVONIA. Mexican bulbs of the iris family with very large, brilliantly colored flowers all summer. Although the flowers last only a day they more than make up for it in their extreme beauty. Plant the bulbs in sandy soil three inches deep and keep moist at all times. A sunny exposure is essential. Culture same as for Gladiolus. Delivery December to March. \$1.50 doz.



Tigridia povonia



Strelitzia regina

Tritonia

SQUALIDA. These are similar to freesia in habit and appearance, but harder and bloom in May. The colors vary from white thru all shades of pink and salmons to intense orange, often with markings of yellow in the center on deeper colored ground. These flowers are characterized by six transparent "windows" in them. Plant in late fall or early winter in any garden soil. They like plenty of sunlight and adequate moisture while in active growth but need drying out after the leaves have died down. They may be lifted and stored away after becoming dormant. Delivery August thru November. \$1.50 doz.

Tulbaghia

A genus related to the Agapanthus and the Allium, and half way between in its characteristics. They are easily grown under any garden conditions except that they flower best in open sunlight. They are evergreen but will lose their foliage in temperatures below 25 degrees above zero. They may be lifted and dried during the winter and replanted in the spring, or may be grown in pots and the pots brought under protection. They are nearly everblooming and bear quantities of lavender flowers. Delivery anytime.

FRAGRANS. (Pink Agapanthus). Wide glaucous leaves less than a foot high. The lavender flowers are closely packed on the umbels and are very fragrant. There is no odor to the foliage. An exceptional plant for pot culture in the house because of its fragrant flowers and its winter blooming habit. \$1.00 ea.

VIOLACEA. (Society Garlic). A wonderful plant for the garden. Evergreen and blooms ten months of the year. Not recommended as a house plant or for cutting because of the strong garlic odor of the plant, but is recommended for seasoning as it is edible. We suggest mass planting in the South. 25c ea., \$2.00 doz, \$12.00 per 100.

Tulipa

(Wild Tulips)

Those of you that have never experienced the thrill of growing these wildlings do not know what you are missing. The great diversity of form, size and color among its members is something to marvel at. They are far more interesting than the hybrid forms and much less difficult to grow. In Southern California they may be left undisturbed in the ground for many years and they will do better each succeeding year. Try a few this season. Delivery September to January. \$1.50 doz.

CLUSIANA. (Candystick Tulip). A charming and graceful early tulip of easiest cultural requirements. Once planted in the garden they will take care of themselves and grow and bloom in spite of everything. Flowers white with red stripe on the outside of each petal and purple in the center of the flower. 18 to 24 inches tall. Fine for cutting.

FOSTERIANA, RED EMPEROR. Combination of scarlet and vermillion with black and yellow center. Tall grower and the largest flower of any tulip.

KAUFMANIANA. (Water Lily Tulip). An early dwarf variety with large flowers. The color is creamy yellow stained red outside and deep yellow inside. Very effective in the rock garden.

COLLECTION of 25 bulbs in five varieties separately labelled and packed in Holland. \$2.75.

Urginea

Sea Onion

MARITIMA. This plant has huge bulbs eventually weighing many pounds, which have medicinal value. It is the Red Squill of commerce and is used for extracting emetics and making rodent poisons. The long racemes of white flowers appear in July before the leaves. The cultural requirements are the same as for brunsvegia rosea. Delivery July to September. \$1.00 ea.

Vallota

Scarborough Lily

PURPUREA. A South African amaryllid of exquisite beauty. The leaves are long, evergreen, dark green stained purple at the base. It is a late summer bloomer and carries an umbel that is as large as that of clivia but much more intense in color. It may be grown outdoors in California and Florida but has to be treated as pot plants elsewhere. It must become crowded and rootbound to flower well, so do not be too anxious to divide it or take the bulblets off the mother bulb. It resents being disturbed in this manner. Plant in a well drained, moist, shady location in soil rich in humus. Our stock is very limited. Delivery anytime. Large bulbs \$2.50 ea., smaller bulbs \$1.50 ea.

Vanda

The blue orchid

COERULEA. The loveliest of the blue orchids, and very easy to grow if the night temperatures are kept warm. Ideal glasshouse plant requires plenty of light. We offer large plants, bare root. They may be planted in gravel and fed or planted in osmunda fiber. \$8.00 ea.



Vallota purpurea

Veltheimia

VIRIDIFOLIA. Handsome Cape bulb with beautiful shiny green wavy leaves. The form of the flower head resembles a kniphofia but the flowers are pink tipped green. Plant in the open in the South but treat as a house plant in cold sections. Plant in sandy soil and give half shade. Late summer and fall delivery. 75c ea.

Wachendorfia

Bloodyroot

THYRSIFLORA. A waterside plant from South Africa with long, pleated foliage and tall, six foot spikes of bright yellow flowers in spring. The roots are blood red. Plant in a moist sunny location. Tender. Delivery anytime. \$1.00 ea.

Zingiber

Canton Ginger

OFFICINALE. This is the ginger that is used for preserving, candying, flavoring and medicine. It grows about three feet high with bamboo-like leaves and tender, succulent roots. This can not be called a flowering plant as it seldom flowers but is an interesting variety to add to your herb or ginger collection. Delivery anytime. 50c ea.

Zephyranthes

Fairy Lily

A race of summer and fall blooming amaryllids native to the New World. They are small, grassy leaved plants which bear stems with single flowers. Most of them will flower several times a year if alternately wet and dry conditions are given. In Texas where some of them grow native they are called rain lilies because they bloom during the summer after each rainfall. Of course one can not overdo a good thing because if they are watered once a week one can not expect them to bloom weekly. However it can be done three or four times during the season. They respond well to pot culture. In cold climates they can be lifted and stored during the winter. Delivery anytime.

AJAX. A lovely large flowered hybrid of straw yellow color. Very easily grown and will thrive under neglect. \$1.50 doz.

CANDIDA. A robust pure white flowered species. It will form dense clumps in a short time and make an excellent showing. \$1.00 doz.

Watsonia

A group of tender bulbs related to the gladiolus with stiff, erect stems carrying numerous small glad-like flowers. The kinds listed here are evergreen and summer blooming. They like lots of moisture, and a sunny location. They will do well in pots. Being evergreen we do not dry out the corms but treat them as green plants. They are shipped in damp moss and when received they should be planted at once and kept moist until new roots form. After that ordinary garden care is all that is needed. Delivery anytime. 25c ea., \$2.00 doz. in separate named species or in mixture.

BEATRICES. The most popular species because of the variability of the flower colors. They take in the full range of shades from apricots thru orange, salmon, pink, rose and other shades. Flowers last long when cut.

GALPINI. A dwarf, compact growing species with small but brilliant red flowers in late summer.

TUBULARIS HYBRIDS. Graceful stems and flowers in various shades of orange. One of the best for cutting.

TANGERINE. A selected variety of W. Beatrices with bright tangerine color.

MIXED. This mixture includes the above and many other species of which we have too few to list here.

The following are the well known standard forms of watsonias which bloom in the spring and become dormant during the summer. These bulbs can be dried out just like gladiolus bulbs are and delivered during their dormant period. Summer delivery.

ALL COLORS, mixed. \$2.50 doz.

Zantedeschia

Calla Lily

These plants are sometimes listed as Richardia. They are of easy culture requiring light sandy soil with plenty of humus. Aethiopica, Godefreyana and Childsiana require copious amounts of water while in active growth and a shady location. The other species require a sunny situation and not too much water while in active growth and very little or no water when resting. They can all be lifted and stored during the winter, or may be treated as house plants if potted in the late fall. Delivery September to March. 50c ea.

AETHIOPICA. This is the common large white flowered calla that is so often seen in the florist shops. The flowers will assume huge proportions if well watered and heavily fertilized.

ALBO-MACULATA. (Spotted Cala). Creamy white flowers with purple inside throat. The large arrow shaped leaves are heavily spotted silvery white. 18".

ELLIOTTIANA. (Yellow Calla). Deep yellow flowers on 18" stems. The leaves are broad and spotted.

GODEFREYANA. (Godfrey Calla). A smaller flowering form of Z. aethiopica but a more prolific bloomer and preferred as a cutting variety by those who do not confuse mere size with beauty.

CHILDSIANA. (Baby Calla). A dwarf, miniature form that will capture the hearts of all flower lovers instantly. Prolific bloomer and a grand pot plant. 12". This plant will not tolerate being dried out so we deliver it as a green plant packed in damp moss. Delivery anytime.

REHMANNI. (Pink Calla). Long, narrow sword-like leaves. Flowers various shades of lavender-pink to purplish. A miniature plant of exquisite loveliness.

**We find the growing of bromeliads exciting.
JOIN THE BROMELIAD SOCIETY
Send for information.**

SEEDS

Following is a list of seeds of bulbous plants available this season. Because we have them in very small quantities and because of the great diversity of the materials offered we do not send out growing instructions with them. However, there is very little difference in sprouting seeds of bulbs and any other seeds except that when you are working with bulb seeds you must have great patience. You can not expect them to germinate in three days and bloom in ninety days. They are not annuals. Great majority of the seeds will germinate the first year but some of them will take two years while most of them will require three to five years to come to blooming size. So please don't be scratching up the seeds every few days to see what is happening. Leave them alone and don't drown them with too much water. Keep them moist and warm and let nature work for you. Germination of Orchid seeds has a special technique and you

can easily learn it by going to your library and reading a book on orchids, especially the one by Prof. Edward A. White, entitled "American Orchid Culture," and following his instructions to the letter. You may not succeed the first time but you will soon learn.

Seeds are put up in 25c packets, the quantity of seeds varying according to the value of the seed. Where there are less than six seeds to a package special mention of the price per seed or the number of seeds per packet is given. In case of Orchid seeds special prices are quoted.

We send out fresh, viable seeds but assume no responsibility for their germination, growth or anything connected with them, and in case of failure we will not replace them.

Some seeds can not be held for any length of time and they are delivered as soon as harvested, and for that reason it is imperative that you place your order before the seeds ripen.

<i>Agapanthus Africanus</i>	<i>Dierama pendula</i>	<i>Ixia monodelpha</i>
" <i>longispathus</i>	" <i>Peachblossom</i>	<i>Kniphofia multiflora</i>
" <i>orientalis</i>	<i>Dipidax ciliata</i>	" <i>Tucki</i>
" <i>orientalis alba</i>	<i>Diites iridioides Johnsoni</i>	" <i>mixed</i>
" <i>Peter Pan</i>	" <i>Oakhurst hybrids</i>	<i>Libertia grandiflora</i>
<i>Albuca Nelsoni</i>	" <i>catanulata</i>	<i>Littonia modesta</i>
<i>Alstroemeria aurantiaca</i>	" <i>Zululandi</i>	<i>Macropidia fuliginosa</i>
" <i>aurantiaca major</i>	<i>Epidendrum obrienianum</i>	<i>Moraea polystachia</i>
" <i>Chilensis</i>	<i>Eucomis punctata</i>	" <i>ramosa</i>
" <i>pulchella</i>	<i>Freesia refracta alba</i>	<i>Ornithogalum caudatum</i>
<i>Allium tuberosum</i>	" <i>hybrids, mixed</i>	<i>Pancratium maritimum</i>
" <i>neopolitanum</i>	<i>Geissorhiza splendidissima</i>	<i>Scilla Peruviana</i>
<i>Anigozanthos humilis</i>	<i>Gladiolus angustus</i>	<i>Sisyrinchium bellum</i>
" <i>flavida</i>	" <i>blandus</i>	" <i>Californicum</i>
" <i>bicolor</i>	" <i>hirsutus</i>	" <i>striatum</i>
" <i>Manglesii</i>	" <i>psittachinus</i>	<i>Sparaxis hybrids, mixed</i>
<i>Arthropodium cirratum</i>	" <i>tristis</i>	<i>Streptanthera cuprea</i>
<i>Aristea ecklonis</i>	<i>Gloriosa Rothschildiana</i>	<i>Tritonia squalida</i>
<i>Arum dracunculus</i>	<i>Habranthus brachyandrus</i>	<i>Tulbaghia violacea</i>
" <i>italicum</i>	" <i>robusta</i>	<i>Strelitzia regina 2 seeds 25c</i>
" <i>maculatum</i>	<i>Haemanthus Katherinae</i>	" <i>parvifolia 25c per seed</i>
" <i>" immaculatum</i>	" <i>3 seeds for \$1.00</i>	" <i>" juncea, 25c per seed</i>
" <i>sanctum</i>	" <i>puniceus</i>	" <i>Nicolai, 25c per seed</i>
<i>Amaryllis European strain</i>	" <i>3 seeds for 25c</i>	<i>Watsonia beatrices</i>
" <i>Rice's Strain</i>	<i>Hemerocallis hybrids</i>	" <i>Watsonia evergreen mixed</i>
" <i>Oakhurst hybrid</i>	<i>Hellaborus orientalis hyb.</i>	" <i>deciduous mixed</i>
<i>Babiana</i> , mixed	<i>Iris bracteata</i>	<i>Wachendorfia thyrsiflora</i>
<i>Billbergia portiana</i>	" <i>Californica</i>	<i>Zephyranthes candida</i>
<i>Bulbinella robusta</i>	" <i>Douglasiana</i>	" <i>ajax</i>
<i>Cyanella capensis</i>	" <i>fortidissima</i>	" <i>Andersoni</i>
" <i>lutea</i>	" <i>Hartwegi</i>	<i>Zantedeschia Godefreyana</i>
" <i>orchidiformis</i>	" <i>" australis</i>	" <i>Aethiopica</i>
<i>Cattleya</i> (send for special list)	" <i>Louisiana, mixed</i>	" <i>albo-maculata</i>
<i>Clytia miniata</i> , 4 seeds for 25c	" <i>Missouriensis</i>	" <i>Rehmanni</i>
" <i>" hybrid, 2 seeds for 25c</i>	" <i>Purdyi</i>	
" <i>Belgian hyb. 25c per seed</i>	" <i>Spuria aurea</i>	
" <i>Zimmerman hyb. 25c per seed</i>	" <i>" ochroleuca</i>	
<i>Commelinia coelestis</i>	" <i>" hybrids, mixed</i>	
<i>Crinum Moorei</i> , 2 seeds for 25c	" <i>Texanx</i>	
<i>Cymbidium</i> (send for special list)	" <i>Watsoniana</i>	
<i>Dianella intermedia</i>		
" <i>Tasmanica</i>		

We carry no trees, shrubs, or bulbs that are common. However, if you want a rare bulbous plant we might have it or can locate it for you. Write us your wants!

SUGGESTIONS FOR SPECIAL USE OF CERTAIN PLANTS

We are listing below, for your guidance, certain plants that are particularly well suited for specific purposes. We selected items that we thought were qualified for such use more than many others that are listed in the catalog. For instance—All agapanthus may be grown in pots, but some are so large and robust that within one season they will require tubs instead of pots; Dianella can be grown as a house plant but it blooms too late in the season; and all billberias will thrive in hanging baskets but most have upright growth. In other cases the plants grow far better in the ground so why grow them in pots?

For house culture we selected plants with long lasting ornamental values, winter blooming habit and convenient size. All or most of these should be grown out of doors when the weather permits and brought indoors only during the winter.

Plants Suitable for Pot Culture

Achimenes	Caladium	Haemanthus	Odontoglossum
Aechmea	Calanthe	Hellaborus	Ornithogalum
Agapanthus My Joy	Chlorophytum	Iris Nada	Oxalis
Agapanthus Peter Pan	Clivia	Iris Darjeeling	Quesnelia
Amaryllis	Cryptthergia	Iris reticulata	Rohdea
Anigozanthos	Cymbidium	Lachenalia	Saxifraga
Anthurium	Dianella	Laelia	Spathoglottis
Begonia	Eucharis	Liriope	Spathiphyllum
Billbergia	Eucomis	Marcia	Tulbaghia
Bletilla	Gladiolus	Oncidium	Veltheimia

Plants Suitable as House Plants

Aechmea Ortgiesi	Chlorophytum	Iris Nada	Rohdea
Amaryllis	Clivia	Laelia	Spathiphyllum
Anthurium	Cryptbergia	Marica	Tulbaghia fragrans
Begonia	Haemanthus	Ligularia	Veltheimia
Billbergia	Hellaborus	Oxalis	

Plants Suitable for Hanging Pots or Baskets

Achimenes	Bullbergia	Iris Uwodu	Odontoglossum
Asparagus	Chlorophytum	Laelia	Oxalis
Beginia Lloydii	Iris Nada	Marica	Quesnelia sp.
Beginia Sutherlandii	Iris Darjeeling	Oncidium	

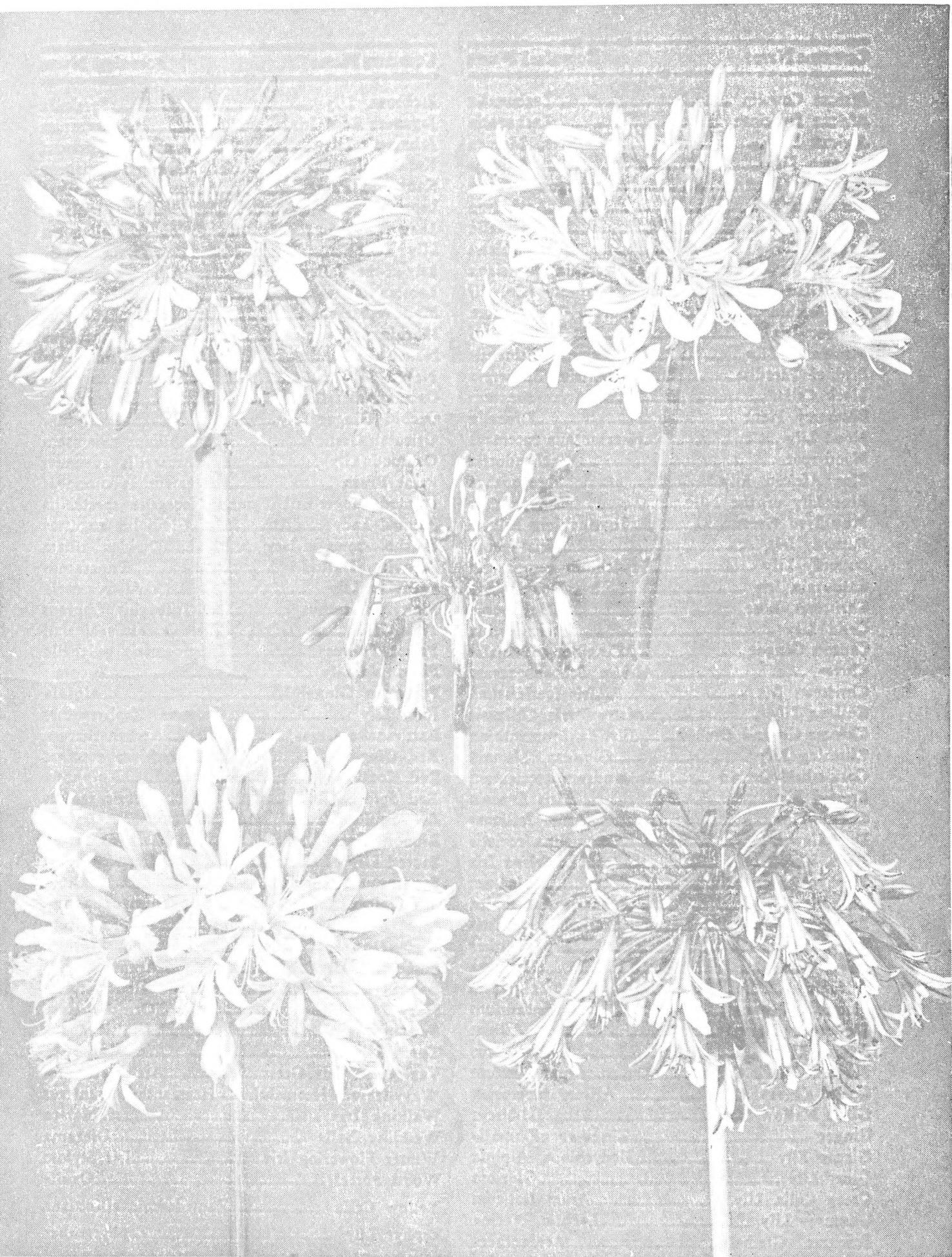
Plants Recommended for the Glasshouse

Achimenes	Cryptbergia	Hedychium	Odontoglossum
Anthurium	Cymbidium	Heliconia	Oncidium
Agapanthus	Cypripedium	Iris Nada	Quesnelia
Beginia	Epidendrum	Iris Darjeeling	Rohdea
Caladium	Eucharis	Lachenalis	Spathiphyllum
Cattleya	Eucomis	Ligularia	Spathoglottis
Billbergia	Gloriosa	Laelia	Strelitzia
Clivia	Haemanthus	Marcia	Vanda

Index by Common Names

Common Name	Botanical Name	Common Name	Botanical Name
African Cowslip	Lachenalia	Jacobean Lily	Sprekelia
African Hyacinth	Lachenalia	Japanese Roof Iris.....	Iris tectorum
African Iris	Dieten, Moraea	Johnson's Lily	Amaryllis Johnsoni
Amazon Lily	Eacharis	Kahili Lily	Hedychium gardnerianum
Asparagus Fern	Asparagus deflexus	Kangaroo Paw	Anigozanthos
Aunt Eliza	Antholyza	Leopard Plant	Ligularia
Aztec Lily	Sprekelia	Lenten Rose	Hellaborus
Baboon Flower	Babiana	Lily Turf	Liriope
Baby Calla	Zantedeschia childiana	Lily-of-the-Valley Onion	Allium triquetrum
Baly Glad	Gladiolus Colvilli	Lobster's Claw	Helaconia
Baby Orchid	Epidendrum Obrienianum	Mallow Marvel	Hibiscus
Bamboo Iris	Iris Wattii	Morning Flower	Orthozanthus
Blackberry Lily	Belamcanda Chinensis	Naked Lady	Brunsvagia
Bird of Paradise.....	Strelitzia, Billbergia	Naked Lily	Brunsvagia
Black Calla	Arum Sanctum	Orchis Amaryllis	Sprekelia
Blueberry Plant	Dianella	Orchid Ginger Lily.....	Alpinia
Blood Lily	Haemanthus coccineus	Oriental Garlic	Allium tuberosum
Bloodyroot	Wachendorfia	Oxblood Lily	Amaryllis advenum
Blue African Lily.....	Agapanthus	Paint Brush	Haemanthus coccineus
Blue Lily of the Nile.....	Agapanthus	Painted Finger-nail Plant.....	Neorgelia spectabilis
Blue Eyed Grass.....	Sisyrinchium bellum	Painted Lady	Gladiolus angustus
Butterfly Iris	Iris Spruia	Peachblossoms-on-Hay	Dipidax ciliata
Butterfly Lily	Heydchium coronarium	Peruvian Daffodil	Pancratium
California Iris	Iris Douglasiana	Peruvian Lily	Alstroemeria
Christmas Rose	Hellaborus	Pink Agapanthus	Tulbaghia fragrans
Calla Lily	Zantedeschia	Pink Calla	Zantedeschia rehmanni
Canton Ginger	Zingiber officinalis	Parrot Flower	Alstroemeria pulchella
Chives	Allium Schoenoprasum	Pineapple Lily	Eucomis
Christmas Iris	Iris foetidissima	Porcelain Ginger	Alpinia
Chilean Lily	Alstroemeria Chilensis	Rain Lily	Cooperia, Zephyranthes
Chinese Ground Orchid.....	Bletilla hyacinthina	Rattlesnake Grass	Arrhenatherum
Climbing Lily	Gloriosa, Littonia	Red Ginger	Hedychium coccinea
Cockleshell Orchid	Epidendrum coccleatum	Red Hot Poker.....	Kniphofia
Crested Iris	Iris Evansia	Red Spider Lily.....	Lycoris radiata
Cuckoo-Pint	Arum Italicum	Red Squill	Urginia
Day Flower	Commelina coeletis	Ribbon Grass	Arrhenatherum
Delta Iris	Louisiana Iris	Sacred Lily of China.....	Rohdea
Elephant Ears	Caladium	Scarborough Lily	Vallota
Eucharis Lily	Eucharis Amazonica	Sea Onion.....	Ornithogalum caudatum
Evening Flower	Gladiolus Tristis	Saint Bernard's Lily.....	Chlorophytum
Fairy Lily	Zephyranthes	Shell Flower	Tigridia
Fairy Wand	Dierama	Soloman's Lily	Arum sanctum
Farfugium	Ligularia	Spotted Calla	Zanztedesbia albo-maculata
Flamengo Flower	Anthurium	Star of Bethlehem.....	Ornithogalum
Flowering Onion	Allium	Swamp Iris	Louisiana Iris
Foxtail Lily	Eremurus	Torch Lily	Kniphofia
Fragrant Black Calla.....	Arum sanctum	Variegated Oat Grass.....	Arrhenatherum
Garlic Chives	Allium tuberosum	Wavy-leaved Haemanthus.....	Haemanthus puniceus
Giant Mallow	Hibiscus	Walking Iris	Marica
Ginger	Zingiber officinalis	Wedding Bells	Dierama
Ginger Lily	Hedychium, Alpinia	Winter Flowering Iris.....	Iris Stylosa
Glory Lily	Gloriosa	Wood Sorrel	Oxalis
Green Calla Lily.....	Arum Italicum	Yellow Calla	Zantedeschia elliottiana
Guernsey Lily	Lycoris, Nerine	Zephyr Lily	Zephyranthes
Frangrant Gladiolus	Acidanthera	Yellow Ginger Lily.....	Hedychium flavum
Jack-in-the-Pulpit	Arisaema		

OAKHURST GARDENS, ARCADIA, CALIF.



AGAPANTHUS

Stormcloud

Orientalis alba

Pendula

Longispathus

Blue Skyrocket